

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

U.S. GOVERNMENT PRINTING OFFICE

1805 A 6/22

B 6/21

C 6/21

D 6/21

SCALE FOR ESTIMATING RUST

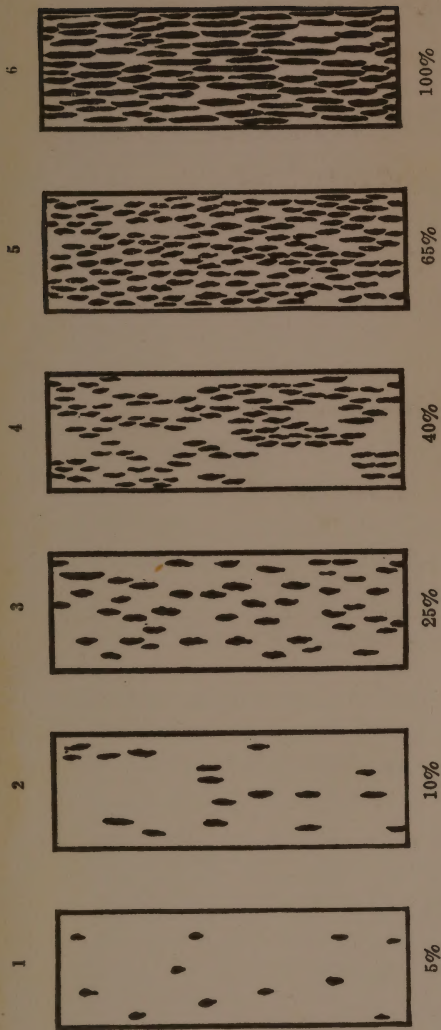
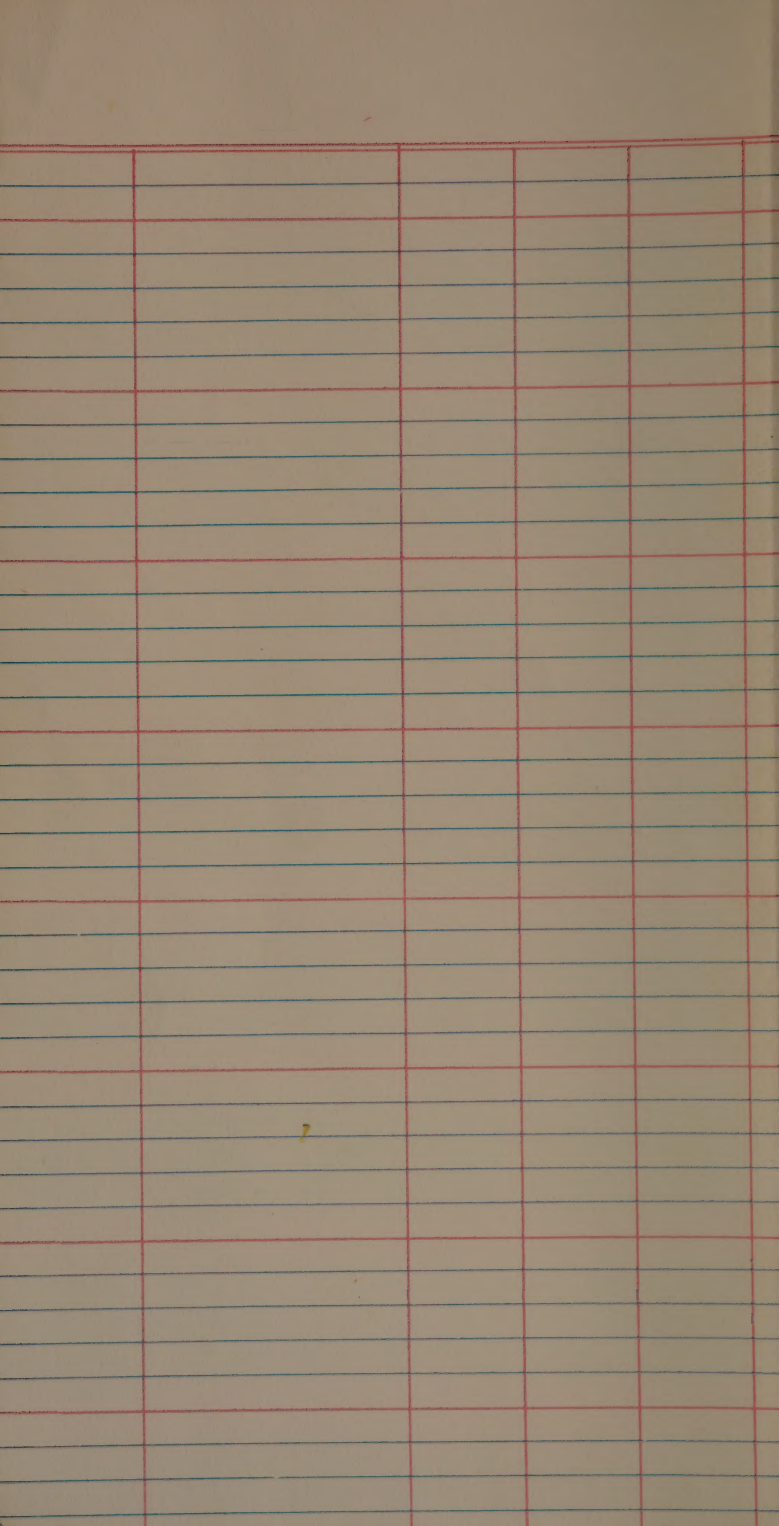
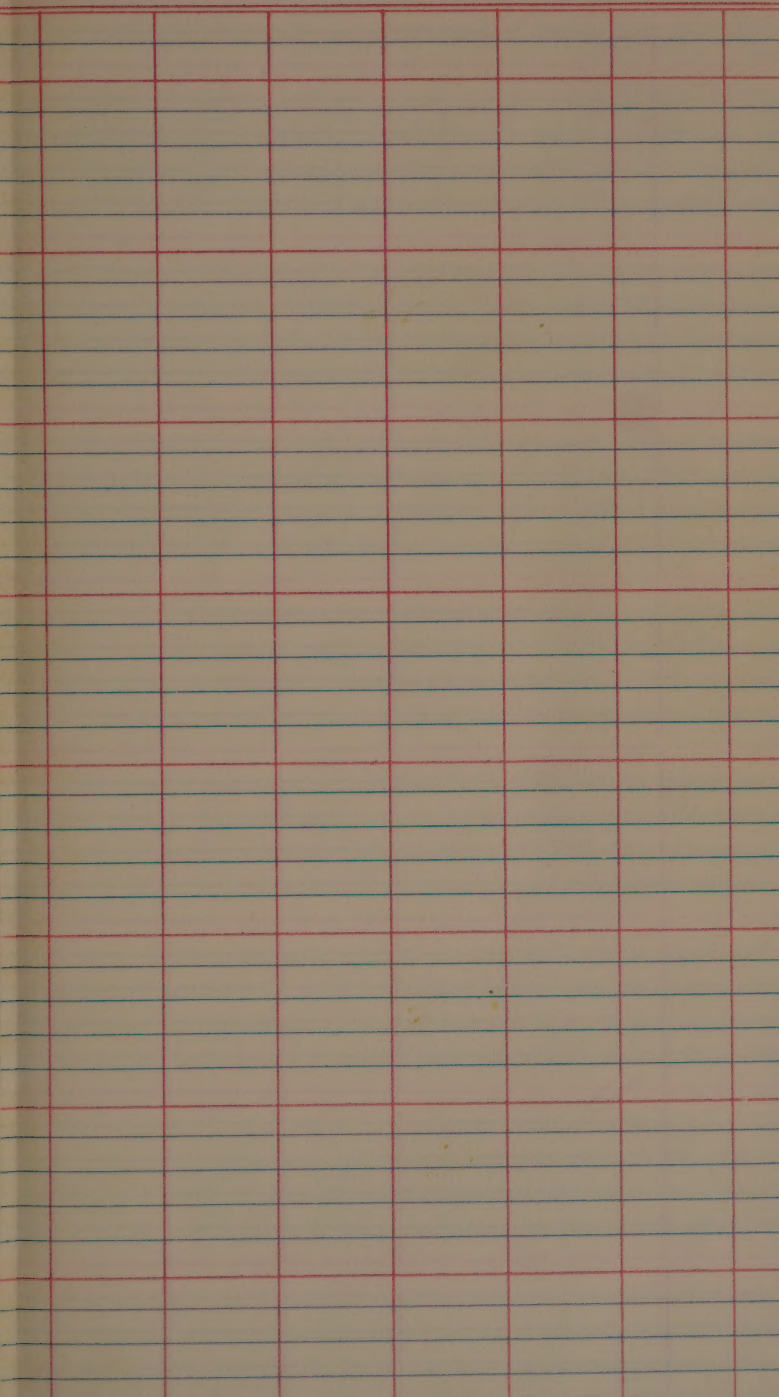


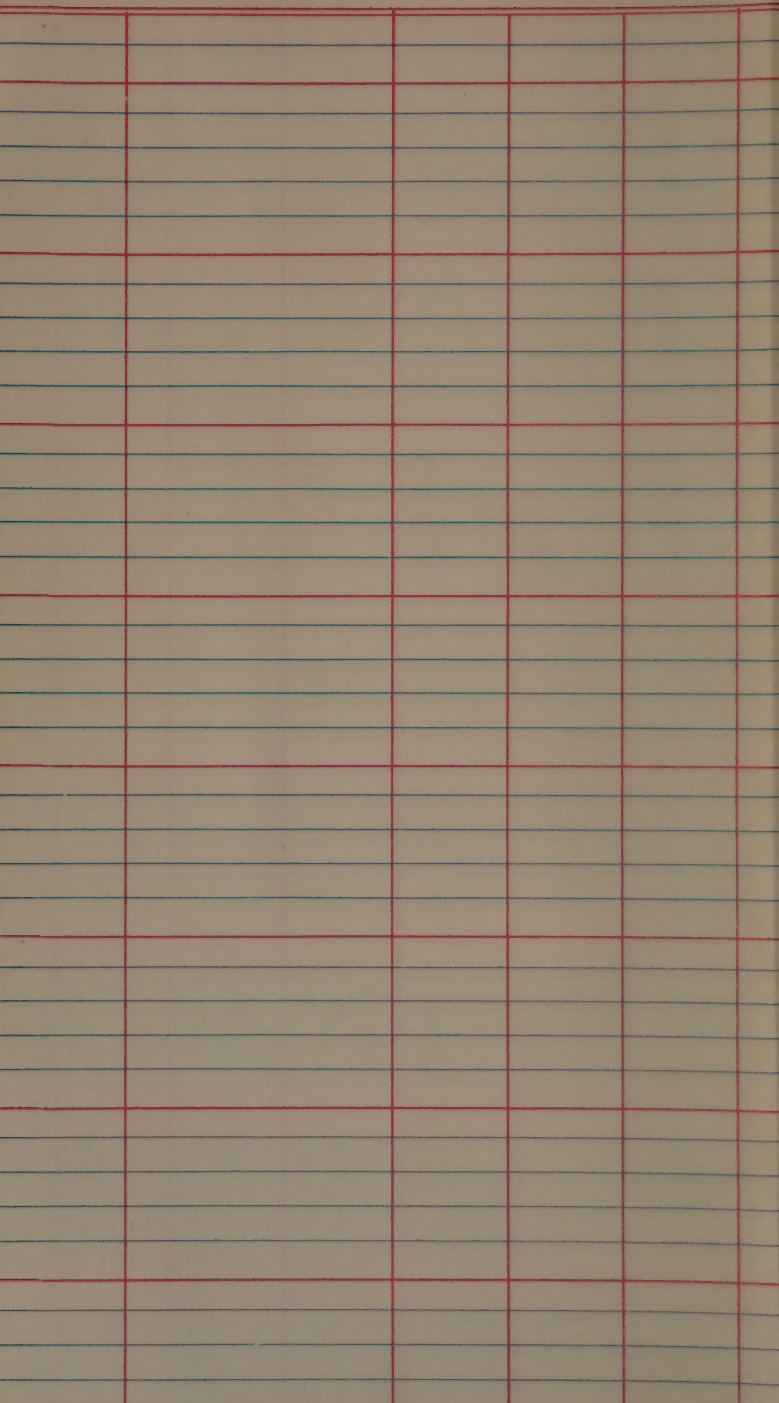
Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

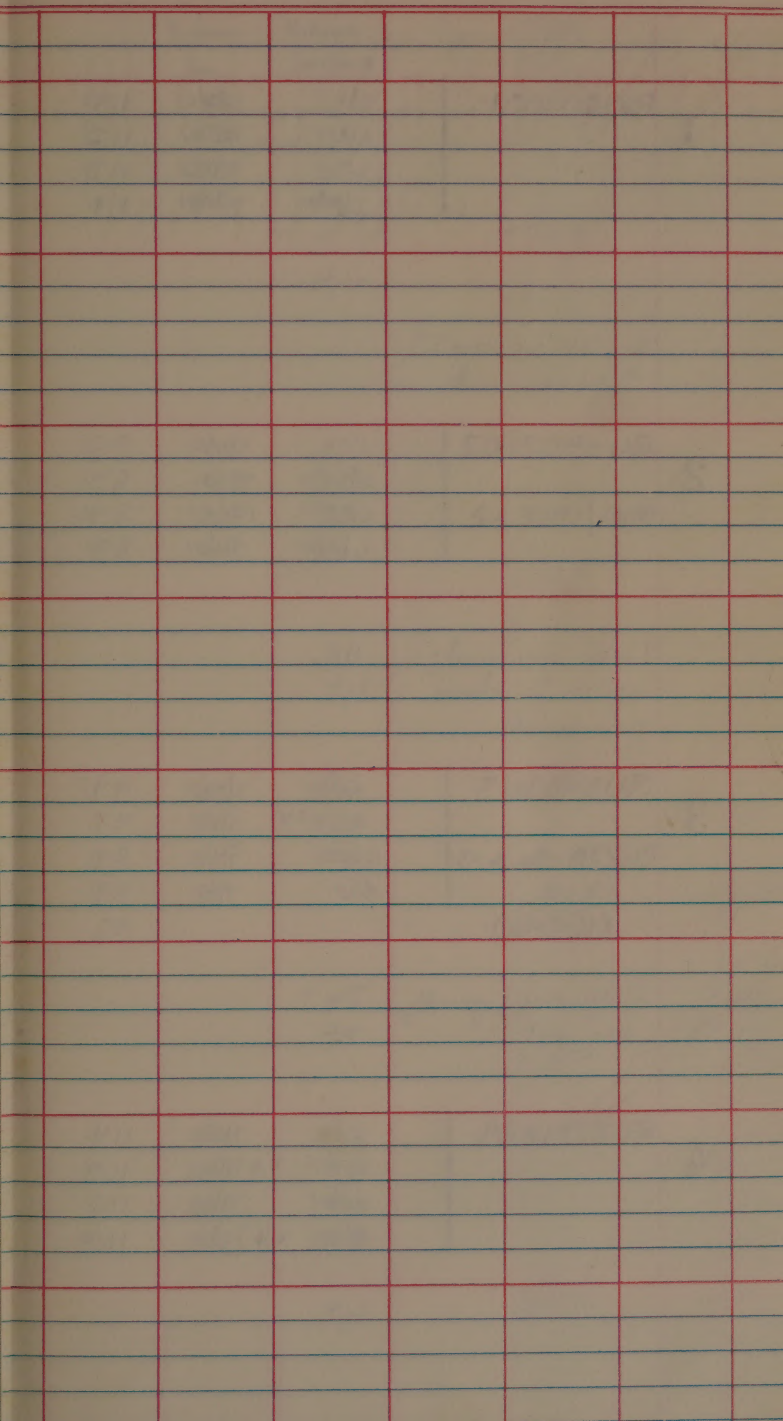
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.









Group I

** Severe nesting damage

Seeded 4/2/85

1	RU8201031	7/1 6/30 6/30 6/29	8/9 8/9 8/9 8/9	115 112 113 111	
		mg+			
	Very late for Group I. Slow pan. mat.				
2	RU8502002	6/23 6/22 6/22 6/21	7/30 7/30 7/30 7/30	85 83 84 85	
	MIDI/LBLE *2				
	Looks very good; grain?; slow pan. panicle				
		HEM lgt			
3	RU8403113	6/17 6/17 **	7/22 7/22	94 97	
	C622A-Bx-16-3	6/5 6/5	7/22 7/22	89 89	
	600 p/p -2-5 (16546)			92	
	Hvd all borders except B				
	Taller dnf; generally very good				
		DT? AF			
4	RU8201089	6/19 6/19 6/18 6/18	7/30 ** 7/26 7/26 ** 7/26	114 109 108 108	
		lgt			

Date _____

Milling

 $\frac{\%}{w/T}$ $\frac{16}{A}$
12% $\frac{68.6}{71.0}$ $\frac{7019}{}$ $\frac{48.3}{71.6}$ $\frac{6703}{}$ $\frac{60.0}{71.7}$ $\frac{6069}{}$ $\frac{57.3}{69.2}$ $\frac{5907}{}$

* No N at seeding

5

RU8502005

6/23

7/30

84

6/23

7/30

85

M101/LBLE *2

6/23

7/30

80

6/23

7/30

77

1-seg?;
Very good Duf;
Slower pan. mat.

6

RU8403006

6/26

7/30

91

6/24

7/26

89

B774A2-Bk₂-65

6/24

7/26

93

-5-3

6/23

7/26

87

(6)

tall segs (many)
Excellent
Poorer stand I.

DT

YUF

9

7

RU8401087

6/19

7/24

99*

9/9

7/24

112

6/19

7/24

111

6/17

7/22

108

1gt

8

RU8502008

6/22

7/30

88

6/21

7/30

83

M101/LBLE *2

6/22

7/30

81

6/22

7/30

86

Very good duf;
Tall segs;
grain?

Date _____

$\frac{\%}{w/T}$ $\frac{16/A}{12\%}$ $\frac{65.2}{12.2}$ $\frac{6600}{12}$ $\frac{63.7}{12.2}$ $\frac{5674}{12}$ $\frac{61.8}{68.6}$ $\frac{5849}{12}$ $\frac{58.2}{12.0}$ $\frac{6411}{12}$

9	RU8503009	6/19	7/22	81
		6/19	7/22	76
225 p/p	CG12A-BK-27	6/19	7/22	77
	-5-BK	6/17	7/22	77
	(12250-53)			78
Hv'd A,B, borders	Shorter but looks productive	UF		
		UHM		
10	RU8301102	6/20	7/26	116
		6/20	7/24	115
		6/19	7/24	113
		6/20	7/24	113
		1 qt		
11	RU8502011	6/24	8/5	92
		6/25	8/5	87
	Short MARS/	6/25	8/5	93
	MARS	6/23	8/5	91
12	RU8303181	6/22	7/26	85
		6/21	7/26	83
	BT74A2-BK-156	6/22	7/26	81
	-3-1-5-BK	6/19	7/24	88
	(12)			84
	Excellent	UHM		
		UF		

$\frac{w}{T}$ $\frac{16}{12}A$ $\frac{60.6}{12.7}$

6049

 $\frac{61.6}{68.1}$

5917

 $\frac{51.6}{70.4}$

6569

 $\frac{63.6}{71.2}$

5970

* No N at seeding

** bad nesting damage!

13

Tebonnet

PI 487195

6/18

6/16

6/18

6/13

6/16

7/26

7/22

7/26

7/22

7/24

114

116

116

97 *

14

Bond

PI 474579

6/17

6/15

6/15

6/16

7/24

7/24

7/22

7/24

103

102

87 *

100

15

Sky bonnet

PI 476819

6/25

6/22 **

6/24

6/23

6/24

7/30

7/26

7/30

7/30

7/29

116

109

113

108

111.5

16

Labelle

CI 9708

6/16

6/14

6/15

6/15

7/24

7/22

7/22

7/22

114

93 *

114

112

113

	Ratoon Hv.	Ratoon borders
0	10/15	10/16
0	"	10/16
0	"	10/16
0	10/7	

0		
0	10/15	10/16
0	10/15	10/16
0	10/15	10/16

0	10/18	
0	10/18	
0	10/18	10/16
0	10/18	10/16

0	10/7	10/15
0	10/7	10/15
0	10/7	10/15
0	10/7	10/15

Ratoon

CENTER	BORDER
--------	--------

335	678
-----	-----

269	561
-----	-----

300	485
-----	-----

311	554
-----	-----

384	437
-----	-----

358	517
-----	-----

343	506
-----	-----

390	560
-----	-----

338	863
-----	-----

387	660
-----	-----

330	831
-----	-----

318	811
-----	-----

349	702
-----	-----

309	567
-----	-----

351	564
-----	-----

335	529
-----	-----

1727	
------	--

$\frac{\%}{w/T}$ $\frac{16/A}{12\%}$ $\frac{63.1}{12.0}$ $\frac{5743}{12.0}$ $\frac{52.8}{10.3}$ $\frac{5680}{10.3}$ $\frac{62.2}{11.6}$ $\frac{5986}{11.6}$ $\frac{62.0}{11.6}$ $\frac{5045}{11.6}$

Group II

Seeded 4/2

21

RU8201034

7/2

8/12

96

7/2

8/12

99

7/3

8/12

97

7/3

8/12

94

mgt

22

RU8502022

6/30

8/5

84

6/30

8/5

81

Short MARS
/MARS

7/1

8/5

80

6/30

8/5

84

23

RU8503023

6/26

7/26

80

6/25

7/26

74

CG10A-Bk₂-48

6/25

7/30

73

-Bk

6/25

7/26

76

(1748-50)

Very good

UF₅

D

Uhm

24

RU8101136

7/1

8/12

97

7/1

8/12

96

7/2

8/12

96

7/1

8/12

95

mgt



0

10/18

○

RATON

Center Border

275	559
-----	-----

%
w / T

1b/A
12%

64.8/69.3

7587

58.7/70.9

6199

64.8/71.7

5756

64.9/69.6

6931

25

RU8502025

6/27

7/30

97

6/26

7/26

96

6/28

7/30

96

LBNT X2

6/27

7/26

96

Lonely

26

RU8403144

6/24

7/26

77

6/24

7/30

73

Hv'd AB
borders

CG10A-BK-7

6/23

7/26

75

6/22

7/26

74

(144)

Excellent

Dm

UFs

UHM

27

RU8301142

7/2

8/12

98

7/3

8/12

102

7/3

8/12

98

7/3

8/12

100

mg+

28

RU8502028

6/24

7/26

79

6/24

7/26

78

LMNT / NWBT

6/24

7/26

77

6/24

7/26

75

Very good dup

10/18

10/18

○

10/25

10/25

0

0

○

0

○

RATON

CENTER

BORDU

240

457

290

491

%
w/T

16/A
12%

61.6/71.1

5459

65.6/72.2

6413

66.1/69.8

6746

66.9/71.9

6692

29

RU8403029

6/30

8/1

87

6/30

8/1

83

BTT4A2-Bk-149-2

6/30

8/1

81

-5-3-Bk

6/30

8/1

82

(29)

83

Hv'd AB

borders

Thinner stand or
less tilleringGen. very good
Neat; larger pan.VUF_{ML}

DT

V_{HR}

30

RU8201151

7/2

8/12

102

7/2

8/12

100

7/1

8/12

104

7/2

8/12

98

mgt

31

RU8502031

6/23

7/26

83

6/22

7/26

80

RAT3 /LBNT

6/23

7/26

86

// NWBT

6/23

7/30

81

32

RU8303169

6/22

7/26

78

BTT4A2-Bk-70

6/22

7/26

74

-5-3-3-Bk

6/23

7/30

74

6/23

7/26

77

(HR)

76

Rexmont

0

10/18

10/18

0

10/25

10/25

0

0

0

0

0

0

0

0

0

0

0

10/18

0

10/18

0

10/18

0

10/18

%
w/T

16/A
12%

55.0/12.4

6424

67.9/11.7

7466

62.4/12.0

5783

56.6/69.8

6207

33

Mars

CI 9945

7/1

7/2

7/2

7/1

8/5

8/5

8/5

8/5

104

108

101

106

105

34

Pecos

PI 476818

6/26

6/26

6/26

6/26

8/1

8/1

8/1

8/1

100

97

99

97

98

35

Leah

CI 9979

7/2

7/1

7/3

7/1

7/30

7/30

8/1

7/30

96

92

86

90

36

Lebonnet

CI 9882

6/24

6/24 *M

6/25

6/24

7/26

7/26

7/26

7/26

114

109

110

108

0

10/18

0

10/18

0

10/18

0

10/18

0

10/18

0

10/18

0

10/18

0

10/18

0

10/25

10/25

0

10/25

10/25

0

10/25

10/25

0

10/25

10/25

0

10/18

0

10/18

0

10/18

0

10/18

%
w/T

lb/A
12%

58.1/11.7

6082

69.4/12.0

6278

50.8/12.8

6210

65.6/11.4

5639

Group III

Seeded 4/2

41	RU8501041	7/1	8/9	106
		6/26	8/5	104
	RAT3/LBNT	6/27	8/5	101
		6/26	8/5	105
		1gt		
	Variable			
42	RU8502042	6/26	7/30	80
		6/23	7/26	72
	LMNT/NWBT	6/24	7/26	74
		6/24	7/26	78
	Very good dnf	VUF		
43	RU8403043	6/28	7/30	85
		6/27	7/30	84
	BT41A1-165-5	6/25	7/30	77
Hv'd AB	-4-3	6/25	7/30	77
borders	(43)			81
	Very good			
44	RU8401124	7/7	8/12	110
		7/7	8/12	112
	RAT3/LBNT	7/8	8/12	111
		7/7	8/12	109
		1gt		
	Early segs; variable			

0

0

0

0

0

0

0

0

0

10/18

0

10/18

0

0

0

0

0

0

Ratioon

CENTER BORDIA

334

499

374

426

$\frac{\%}{W/T}$ $\frac{16/A}{12\%}$ $\frac{56.1}{71.6}$ $\frac{6873}{12}$ $\frac{67.2}{71.5}$ $\frac{6334}{12}$ $\frac{60.0}{72.4}$ $\frac{6317}{12}$ $\frac{59.2}{69.1}$ $\frac{7087}{12}$

45

RU8502045

6/27

7/30

81

6/25

7/30

78

NWBT/LMNT

6/25

7/30

78

6/25

7/30

76

46

RU8303046

6/25

7/26

77

6/24

7/26

77

BT41A1-178-3

6/23

7/26

77

-3-2

6/23

7/26

77

(HR)

6/24

77

Gulfmont

47

RU8401130

7/9

8/12

89

7/9

8/12

93

RAT3/LBNT

7/8

8/12

88

7/8

8/12

90

19+

Excellent plant

Rel. late

VUF

48

RU8502048

6/25

7/26

72

6/24

7/26

72

LMNT/NWBT

6/24

7/26

68

6/24

7/26

67

Very good def

0
0
0
0

0
0
0
0

10/18
10/18
10/18
10/18

10/22

0
0
0
0

0
0
0
0

RATON

CENTER

BORDIN

287

626

300

521

312

565

318

616

1564 lb/A

%
w/T

16/A
12%

65.8/71.8

7080

68.0/71.4

6324

54.1/72.0

7325

68.2/72.2

5772

49

RU8503049

6/25

7/26

80

6/23

7/26

74

C610A-Bk-

6/24

7/26

74

6/24

7/26

75

Hv'd AB
borders

(7994-96)

AFs

Very good

Dm

U_{HM}

50

RU8101181

7/1

8/5

109

6/30

8/5

115

9694/DAWN //

7/1

8/9

112

STBN/DAWN

7/1

8/9

113

lgt

mets & lgt
highly variable

51

RU8502051

6/25

7/30

84

6/25

7/30

80

NWAT/LEAH

6/23

7/26

74

6/23

7/30

78

Very good def;
exfection?

HF

52

RU8503052

6/25

7/26

82

6/24

7/26

77

C610A-Bk-44-3-

6/24

7/26

80

3-Bk

6/24

7/26

78

Hv'd AB
borders

(6961-65)

AFs

Excellent

Dm

U_{HM}

0

10/18

0

10/18

0

0

0

0

0

0

0

0

0

0

0

10/18

0

10/18

0

0

RATON

391	503
317	493

277	585
330	538

%
w/T

16/A
12%

69.7/72.6

5897

55.6/70.2

6719

61.2/70.6

6050

68.0/72.0

6355

53

Toro 2

6/30

8/1

95

6/30

8/1

93

PI 483070

6/30

8/1

89

6/30

8/1

94

54

Newbomet

7/4

8/12

100

7/4

8/12

101

PI 474580

7/3

8/12

103

7/3

8/12

104

102

55

Lemont

6/30

7/30

81

6/28

7/30

78

PI 475833

6/28

7/30

80

6/27

7/30

75

6/28

79

56

Bellemont

6/27

7/30

75

6/25

7/30

76

CI 9978

6/25

7/30

72

6/25

7/30

76

Ритон

center

London

434

405

396

845

348

664

361

719

358

628

1880 16/19

368

608

359

516

323

575

331

572

%
w/T

16/A
12%

63.8/12.7

6894

64.5/11.5

7290

63.6/12.2

6636

62.5/11.8

5986

Group IV

Seeded 4/2

61	RV8501061	7/11	8/12	88
		7/9	8/9	88
	RA73/LBNT	7/9	8/9	87
		7/7	8/9	92
	Excellent plant	VUF		
62	RV8502062	6/29	7/31	79
		6/26	7/31	77
	NWBT/LMNT	6/27	7/31	73
		6/26	7/31	76
	Very good dnf			
63	RV8503063	6/28	7/31	83
		6/26	7/31	84
	C615A-26-8-1-B	6/26	7/31	83
Hv'd AB		6/26	7/31	82
borders	(10442-46)			83
	Very good	UAM		
		AF		
64	RV8501064	7/7	8/14	110
		7/6	8/14	111
	DAWN/BN73	7/6	8/14	110
		7/6	8/14	107
		1g+		
	Normal with long fleys; looks productive			

%
w/T

16/A
12%

57.0/11.7

6771

62.6/12.4

5910

63.2/12.2

6759

62.6/69.7

7029

*** Severe nesting damage

65

RU8502065

6/29

7/31

88

6/29

7/31

90

NWBT / LEAH

6/28

7/31

85

6/28

7/31

84

Many off-type

66

RU8503066

6/29

7/31

80

6/27 xx

7/31

84

C610A-Bx₂-138-

6/28

7/31

82

2-1

6/26

7/31

78

(7891-95)

81

67

RU8201193

7/10

8/12

90

7/9

8/12

92

9902 Selu.

7/8

8/12

89

7/8

8/12

91

1st

Excellent plant

YUF

68

RU8502068

6/30

8/5

79

6/29

8/5

74

NWBT / LEAH

6/28

8/5

72

6/29

8/5

74

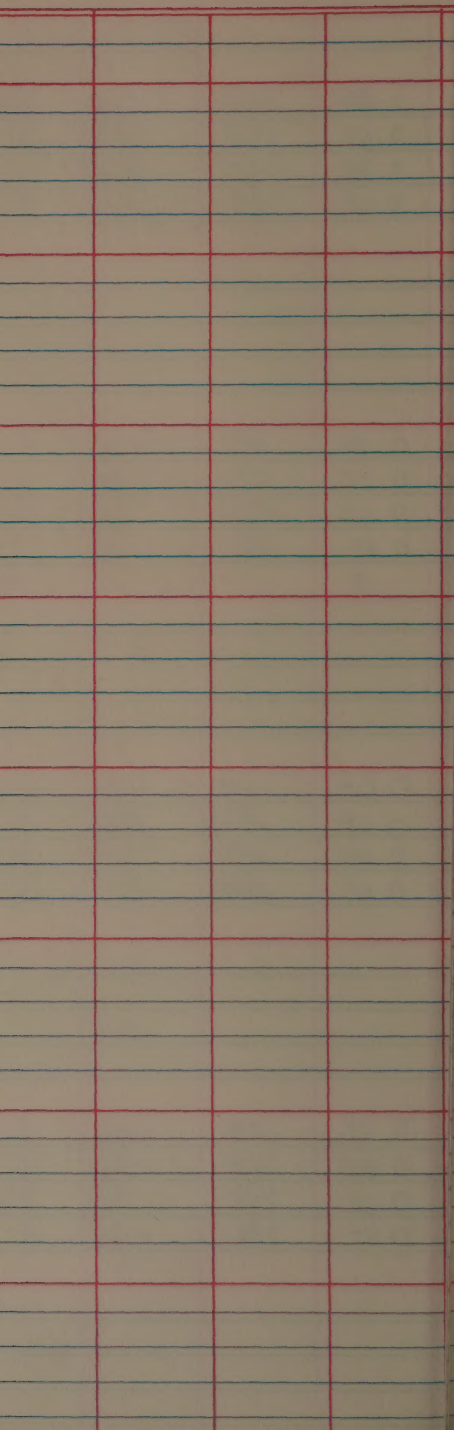
Many tall rogers!

0
0
0
0

0
0
0
0

0
0
0
0

0
0
0
0



%
w/T

16/A
12%

64.4/11.4

6259

65.4/11.7

6078

53.2/12.2

7235

57.0/11.9

5995

69	RU8503069	6/28	7/31	77
		6/27	7/31	79
	CG10A-17-7	6/27	7/31	79
Hv'd AB	-Bk	6/26	7/31	79
borders	(322)			79
	Short bit very good!			
70	RU8301170	7/9	8/14	107
		7/8	8/14	108
	DAWN/BN73	7/7	8/14	110
		7/7	8/14	108
		1gt		
	Good record			
71	RU8502071	7/6	8/9	86
		7/6	8/9	89
	NWBT/LMNT	7/6	8/9	85
		7/5	8/9	88
72	RU8203141	6/30	8/12	98
		6/30	8/12	102
	Rico 1	6/30	8/12	106
		6/30	8/12	102
	(Br)			102

0

10/22

10/22

0

10/22

10/22

0

0

0

0

0

0

0

0

0

0

0

0

0

0

RATON

312

416

332

477

%
w/t

16/A
12%

61.3/71.6

6376

63.9/70.2

7239

62.6/71.3

6377

69.4/73.4

7813

73

RU8501073

7/9

8/16

109

7/9 **

8/16

107

BP87/9902

7/8

8/16

108

7/7

8/16

109

19t

74

RU8502074

7/10

8/14

93

7/9

8/14

88

NWBT/LMNT

7/10

8/14

92

7/9

8/14

95

later but very good

75

RU8503075

6/28

8/5

87

6/27

7/31

85

C610A-6-2-3-

6/27

7/31

83

Be

6/26

7/31

86

(7443-46)

85

Hv'd AB
borders

76

Starbonnet

7/13

8/16

120

7/13

8/16

122

CI 9584

7/13

8/16

119

7/12

8/16

119

RATON

319	504
285	554

%
w/T

16/A
12%

55.7/70.4

6397

65.4/71.7

6767

68.0/71.6

6287

63.8/70.6

5509

Group V

Seeded 4/3

81	RU8401081	6/25	7/26	102
		6/26	7/26	102
	BP87/9902			
	Very good short normal most off-types	lgt HF tip wrens		
82	RU8502082	6/28	8/2	98
		6/28	8/2	100
	STRN X2			
	Leafy;			
83	RU8203085	6/25	7/30	82
		6/25	7/30	83
	B774A2-BK ₂			
	-21-BK ₂			
	(83)			
	Hv'd A border			
	Few tall reaves Excellent	VUF _L Dm		9
84	RU8501084	6/22	7/30	98
		6/22	7/30	102
	LBNT/9837	lgt		
	One of best from Stg Slow pen mat.	HF Ns		

%
w/T

lb/A
12%

59.2/12.0

6872

68.4/12.0

6536

62.2/10.4

6584

60.3/69.7

7122

85

RU8502085

6/25

7/30

84

6/26

7/30

82

L201/LMNT

Very leafy; poor

UF_L

86

RU8503086

6/17

7/16

100

6/16

7/16

105

C623A-BK₂-1-5-BK

(12352-55)

Rel. uniform

AF

Ns

87

RU8501087

6/27

7/30

104

6/26

7/30

104

BP87/9902

Good normal

lgt

HF

88

RU8502088

6/25

7/30

73

6/25

7/30

73

L201/LMNT

Very short!
 Long upright flag

%
w/T

56.2/71.5

6676

62.3/71.7

5709

52.4/70.6

7051

58.8/70.8

6810

89	RU8303089	6/25	7/24	87
		6/24	7/24	85
	BT6TA2-78-5-Bk			
Hv'd A	-3-2-2-1-Bk			
border	(89)			
		DM		9
	Few tall roques	UFs		
	Very good			
90	RU8501090	6/19	7/24	100
		6/19	7/24	105
	BP87/9902			
		lg+		
		N		
91	RU8502091	6/19	7/24	75
		6/19	7/24	83
	LMNT/SSST			
		DS		
	Impure!	HF		
	Good dwarf			
92	RU8503092	6/25	7/26	86
		6/24	7/26	89
	C610A-BK ₃ -1-BK			
Hv'd A	(7935-37)			
border		D		
		UFs		
	Very good	UHM		

Rajoon

[illegible]

%
w/T

16/A
12%

63.7/71.0

6814

58.6/71.6

6548

64.2/71.9

5950

68.1/72.3

6608

* Heating damage

93

RU8201011

6/29

8/16

110

6/30 ^{xx}

8/16

110

9906/9633

mg

Leafy

Very slow grain mat.

94

RU8402094

6/24

8/2

96

6/25

8/2

95

Short MARS
/MARS

95

RU8203129

6/25

7/24

97

6/22

7/22

91

BT67A2-14-9-2-2

Hv'd A
border

-2-BK

(95)

DT

UF

9

96

RU8501096

6/26

8/2

107

6/27

8/2

107

LBNT/STBN

Leafy

lgt

RATON

%
w/T

16/A
12%

66.1/70.4

6906

66.9/71.0

6592

63.8/69.8

6409

56.1/70.8

6494

97

RU8502097

6/29

8/5

88

6/30

8/5

90

Short MARS
/MARS

98

RU8303098

6/25

7/30

88

6/24

7/30

84

BT41A1-25-8-1

-2-1

(98)

Hv'd A
borderUF_{ML}Very good but
perhaps too leafy?
Off-types

99

RU8301099

6/19

7/26

114

6/18

7/26

107

DW22/BP87//
BN73

197

100

RU8502100

6/23

8/2

90

6/23

8/2

92

Short Mars
/Nato

RATON

CENTER	BORDER
--------	--------

460	683
-----	-----

406	720
-----	-----

480	—
-----	---

376	640
-----	-----

258	410
-----	-----

357	656
-----	-----

305	601
-----	-----

347	662
-----	-----

%
w/T

lb/A
12%

59.9/71.1

6779

60.5/71.8

6640

60.1/68.8

6152

67.5/70.8

6861

101

RU8303101

6/22

7/24

108

6/22

7/24

105

B774A2-Bk₂-133

-Bk-4-Bk

(101)

N

9

VUF_L

102

RU8501102

6/20

7/24

102

6/20

7/24

100

BP87/9902

14+

103

RU8502102

6/23

8/2

94

6/21

8/2

92

Short Mars
/Mars

104

RU8303006

6/24

7/24

81

6/24

7/24

76

B774A1-Bk-153-2

-1-1-2-Bk

(104)

Hv'd A
borderShorter?
Very good

AF

RATON

CENTER BORDER

313	859
-----	-----

338	760
-----	-----

315	648
-----	-----

388	700
-----	-----

245	545
-----	-----

301	557
-----	-----

394	776
-----	-----

358	446
-----	-----

%
w/t

16/A
12%

60.5/10.1

6553

57.5/12.7

6369

65.7/10.6

7161

62.4/11.3

6459

105

RU8301108

6/20

7/24

97

6/20

7/26

92

M101//95GR/
T487

mgt

106

RU8502106

6/25

8/2

100

6/24

8/2

101

Short Mars
/Mars

Poor; much sterility!

107

RU8503107

6/17

7/16

80

6/18

7/16

75

C614A-Bk-44-1-Bk

(13305-06)

D

VUF

Low tillering
Poorer reproduction

108

RU8501108

6/24

7/26

102

6/24

7/26

99

BP87/9902

lgt

%
w/T

68.0/10.6

6444

63.5/10.4

6112

63.7/69.7

5212

58.5/10.8

6835

109

RU8502109

6/20

7/24

118

6/19

7/24

115

STRN x2

Tall; poor; sterility

110

RU8503110

6/19

7/22

86

6/18

7/22

85

C625A-BK-49-1

VUF

Poorer

111

RU8401111

6/22

7/26

94

6/22

7/24

100

LBNT 19902

1gt

112

RU8502112

6/22

7/30

88

6/24

7/30

87

T703008*2/LBLE

leafy

Ratoon

CENTER BOARD

167

252

113

164

415

521

468

652

453

744

472

855

375

804

433

792

%
w/T

16/A

62.0/71.0

4138

64.0/69.4

6385

62.7/71.4

6060

63.5/71.4

6372

113

RU8503113

6/14

7/16

98

6/14

7/16

100

C623A-Bk-38-2-2-Bk

Hv'd A
border

(12319-23)

NS

Very early

HF

bird damage, A, B rel. U

Good!

114

RU8501114

6/23

7/26

100

6/23

7/24

96

LBNT/9902

19+

Leafier

HF_{ML}

115

RU8402115

6/25

8/2

92

6/25

8/2

92

Short Mars
/Mars

116

RU8303116

6/26

7/26

82

6/26

7/26

79

C611A-Bk-30-1-4-Bk

Hv'd A
border

(13479-81)

HF

Too short?

U_{HAM}

ex section?

Ration

Center Borden

359	680
-----	-----

326	356
-----	-----

841 507

519	953
-----	-----

335	674
-----	-----

386	741
-----	-----

392	sof
-----	-----

350	494
-----	-----

%
w/T

lb/A

56.2/10.6

7299

60.6/11.2

6769

63.9/10.4

6948

67.2/13.0

5996

117

M201

6/16

7/26

81

6/16

7/26

82

CI 9980

Hv'd borders

Toni's

118

Nanjing 11

6/25

7/30

92

6/25

7/30

92

RU820119

119

L-202

6/22

7/30

90

6/21

7/30

82

PI 483097

120

S-201

6/24

8/2

95

6/24

8/2

97

CI 9974

Hv'd A
borderToni

$\frac{\%}{w/T}$

16/A

 $\frac{69.0}{12.2}$

6430

 $\frac{61.0}{10.4}$

7733

 $\frac{58.0}{11.0}$

7178

 $\frac{70.8}{13.7}$

6285

Group VI

Seeded 4/3

121

RU8501121

LBNT/STBN

7/2

6/29

8/12

8/7

113

109

Leafy?

Slows p.m. mat.

1g+

122

RU8402025

MARS X2

7/2

7/2

8/8

8/7

104

99

123

RU8403123

C611A-Bk-66-1-3-Bk

6/26

6/25

7/30

7/30

83

86

Hv'd A
border

(13561-62)

Excellent

VHM

HF_m

124

RU8501124

LBNT/9902

6/28

6/28

7/31

7/31

99

96

1g+

VUF

0

0

0

0

0

10/24

10/24

0

0

0

Katam

Center Border

164 350

%
W/T

16/A
120%

43.7/71.4

6856

68.4/71.6

6763

65.6/71.7

6862

60.3/72.0

6954

125

RU8502125

6/30

8/5

92

7/1

8/5

91

Short Mars
/Nato?

MERC

126

RU8403126

6/27

7/30

82

6/27

7/30

80

CG10A-BK-68-2

-BK

(126)

Hv'd A
borderUF₅

Excellent

Dms

Few tall roques

127

RU8501127

6/27

8/7

93

6/26

8/7

87

18355/LBLE

lgt

leafy; poor exsection
more steady
slow grow. mat.

128

RU8502128

6/26

7/31

88

6/26

7/31

88

RA73/LBNT
//NWBTLeafy; exsection?
poorer

0

0

0

10/24

10/24

0

0

0

0

0

Ratoon

center

270

491

%
w/T

16/A

56.4/12.2

6813

66.2/12.3

6521

50.9/12.4

6250

59.6/11.5

6231

129	RU 8203035	6/26	7/26	80
		6/26	7/26	78
Hv'd A border	BTT4A1-BK -153 -1 (82/35)			
	tall roques Leafier?	UF _{ml}		
	Added by request of Ben Jackson			
130	RU 8501130	6/26	7/31	114
		6/25	7/31	109
	V6DW / STTD			
		lgt		
	Tall			
131	RU 8502131	6/25	7/30	83
		6/25	7/30	83
	RA73 / LBNT 11NWBT			
	Leafier; exsection?			
132	RU 8503132	6/26	7/26	76
		6/26	7/26	78
Hv'd A border	C610A- (7970-72)			
	Very short Excellent	UF _s		

0

10/24

10/24

0

0

0

0

0

0

10/24

10/24

0

Ratoon

Center	Border
--------	--------

231

436

210	461
-----	-----

%
W/T

16/A

64.0/72.0

6365

64.5/70.8

6400

57.2/70.9

5643

67.2/71.8

6538

133

RU8501133

6/23

7/22

103

6/24

7/24

101

9680/9841

1gt

134

RU8502134

7/3

8/8

7/4

8/8

NWBT/LEAH

VUF

135

RU8503135

6/26

7/26

83

6/26

7/26

86

CG10A-65-9-3-BK

(7505-09)

Bad plot, rep II

(no N)

Excellent

AF

136

RU8501136

6/30

8/5

110

6/30

8/5

107

DAWN/ZADT

//BN 13

1gt

0

0

0

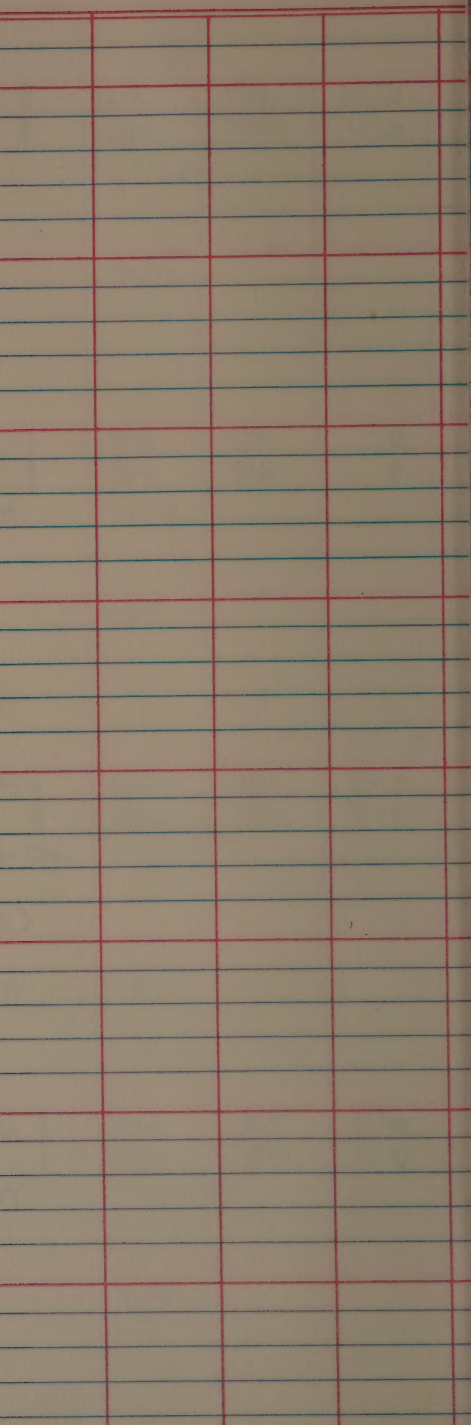
0

0

0

0

0



%
w/T

lb / A
12%

62.4/71.7

5870

61.7/70.6

7044

67.8/72.4

5742

50.6/70.0

6761

137

RU8502137

6/25

7/26

87

6/25

7/26

84

8003050/BOND

Gen. very good

UFM

Dm

138

RU8503138

6/27

7/26

79

6/27

7/26

76

C601A-56-3-2-BK

Hv'd A
border

(9536-40)

VUF

Excellent

Ds

139

RU8501139

7/1

8/5

107

7/2

8/5

104

9680/9841

lgt

Neat normal

140

RU8502140

6/25

7/30

87

6/25

7/30

85

8003050/BOND

Very good

0

0

0

10/24

10/24

0

0

0

0

0

Ratoon

Center

Borde

286

452

%
w/T

16/A
12%

65.3/71.1

6208

65.4/71.9

6337

44.5/72.9

6423

62.8/71.6

6911

** damage from feeding

141

RU8503141

6/24

7/26

74

6/25

7/26

72

BT6TA2-62-5-3-Bk

-3-2-2-Bk

(557)

Very short

VUF

9

142

RU8501142

6/25

7/26

99

6/25

7/26

99

BN73/NN76

//BN73

19+

143

RU8502143

6/28

7/31

76

6/26

7/31

75

8003050/BOND

Very short dwarf
Excretion?

Leatier

Many off-types

144

RU8503144

6/17 **

7/22

91

6/17 **

7/22

81

C623A-Bk-48-1-1-Bk

(12340-44)

Very early

Dm

AF?

0

0

0

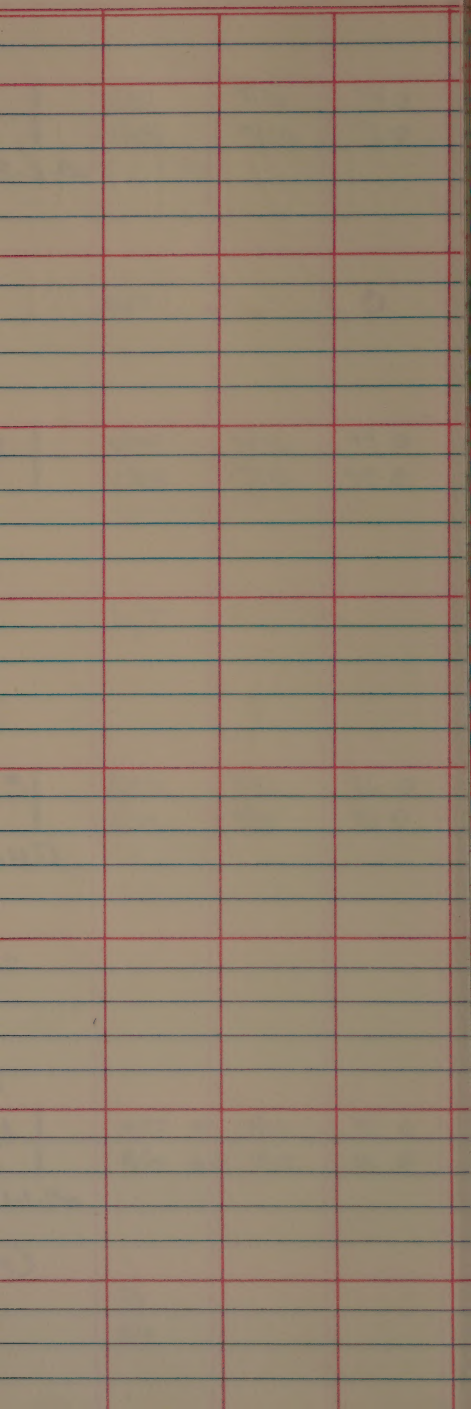
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0

0

0

0



%
w/T

16/A
12%

61.7/11.7

5599

65.6/12.8

6417

61.6/13.1

6309

62.4/11.3

5735

145

RU8401145

6/27

7/26

91

6/25

7/26

86

LBNT/9902//LBLE

1gt

Sturdy DY

VUFs

146

RU8502146

6/26

7/31

86

6/26

7/31

84

8003050/BOND

Many tall seps; leafy

147

RU8403147

6/27

7/31

79

6/26

7/31

80

C610A-Bx-26

Hv'd A
border

Very good

UF

148

RU8501148

7/3

8/5

110

7/3

8/5

110

9680/9841

1gt

Very good material
More uniform!

HF

0

0

0

0

0

10/24

10/24

0

0

0

Rolson

Center

Boston

260

505

%
w/T

16/A
12%

66.5/73.8

6313

62.4/71.5

6287

64.8/71.7

6738

43.8/72.7

6316

149

RU8502149

6/28

7/31

74

6/28

7/31

72

L201 / LMNT

VUF

Very short

150

RU8503150

6/22

7/22

80

6/23

7/22

76

C642A-11-1-3-BK

(8616-20)

Gen. very good!

Dms

UF

UHM

151

RU8501151

7/4

8/19

106

7/3

8/19

104

9906/9633

myt

Good but rather
leafy
Slow grow. mat.

152

RU8502152

6/26

7/31

90

6/28

7/31

86

NWBT / LEAH

Highly variable

0

0

0

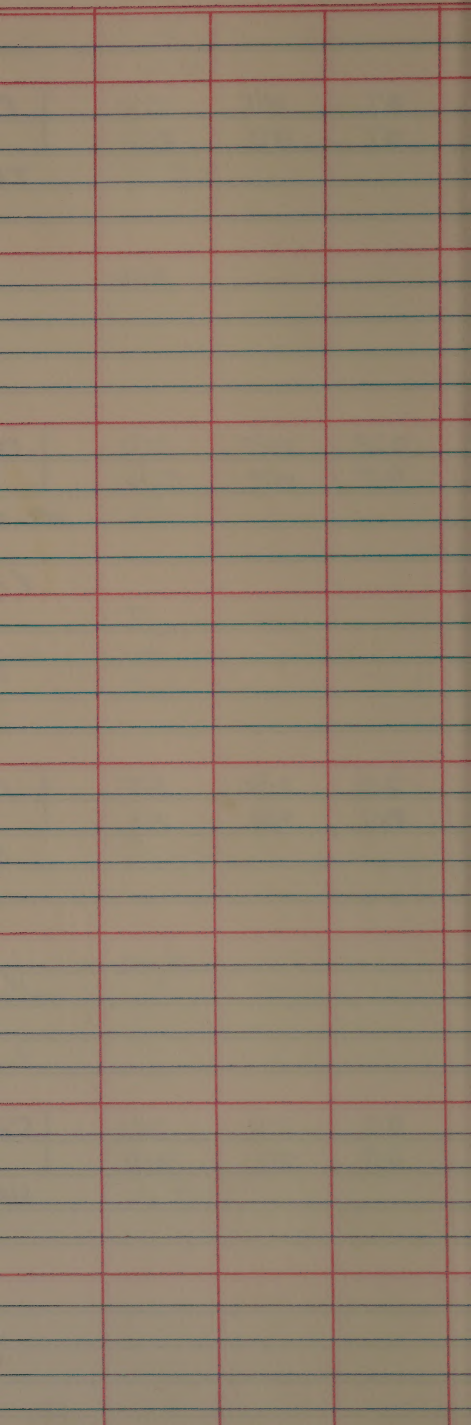
0

0

0

0

0



%
w/T

lb/A
12%

63.2/71.1

6938

66.1/71.8

5599

64.8/69.6

6793

66.1/71.4

6139

153

RU8503153

6/23

7/30

81

6/23

7/30

83

C625A-BK-79-2

(940)

Excellent plant
grain?

VUF

Many partially steriles!

154

RU8501154

7/2

8/19

101

7/2

8/19

101

(9906-9633)

mgt

Slow pan. mod.

155

RU8502155

6/28

7/31

104

6/27

7/31

97

T8 F₂ 34

156

RU8503156

6/20

7/24

79

6/21

7/24

75

CG11A-BK-28-5-4-4

(13476)

Very good

VUFs

DS

UHM

0

0

0

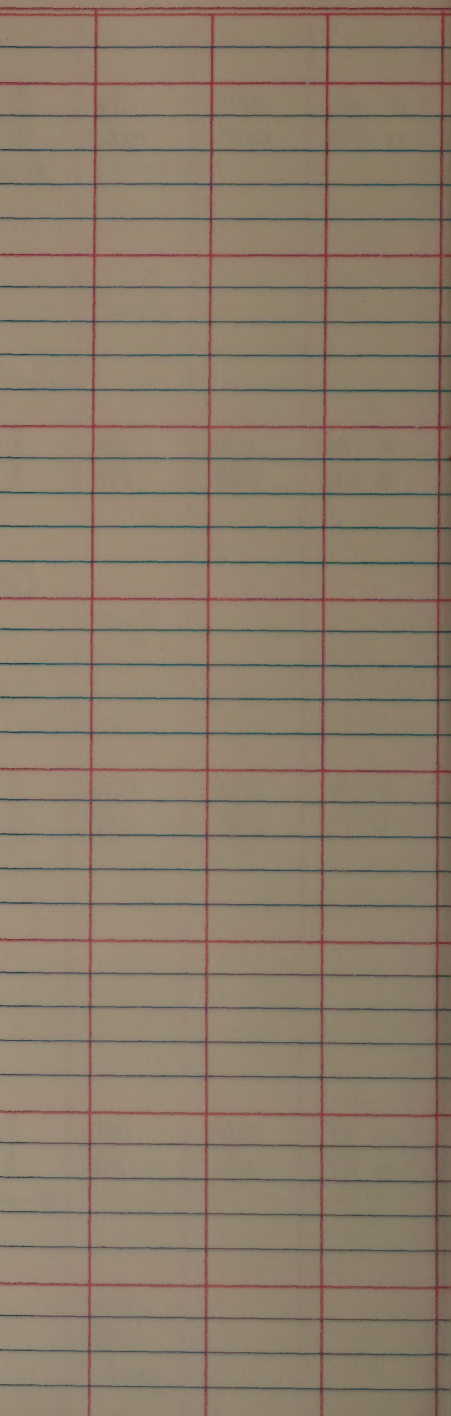
0

0

0

0

0



%
w/T

16/A

52.7/71.8

5531

65.3/69.6

7030

54.7/72.5

6614

59.6/72.0

5723

157

Nato

CI 8998

7/4

7/3

8/9

8/9

132

128

158

New rex

CI 9969

6/25

6/27

7/26

7/26

106

104

159

Saturn

CI 9540

7/4

7/4

8/9

8/9

129

128

160

Brazos

CI 9875

6/29 xx

6/29

8/7

8/9

110

107

0

0

0

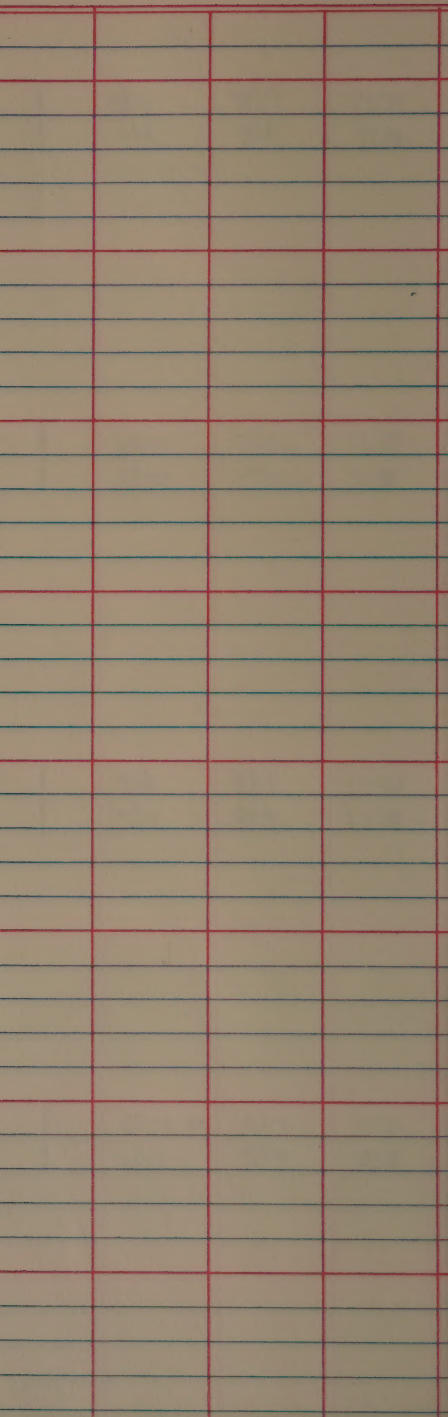
0

0

0

0

0



%
w/T

16/A

70.6/73.2

57.1/68.9

63.2/71.8

65.2/73.3

Group VII

Seeded 4/3

161

RU8501161

7/8

8/8

89

7/9

8/8

90

RAT3/LBNT

1gt

Very good dwarf plant

162

RU8302048

7/3

8/5

92

7/3

8/5

92

163

RU8403163

6/28

7/31

72

6/28

7/31

73

CG11A-BK-22-3

(163)

VUF5

Excellent plant
Exsertion?

Uhm

164

RU8401164

7/8

8/8

89

7/9

8/8

88

RAT3/LBNT

1gt

Excellent plant

%
w/T

16/A
12%

0
0

50.7/10.4

7060

0
0

63.7/12.2

7105

0
0

65.3/12.0

6482

0
0

52.8/10.8

6984

165

RU8402074

7/8

8/8

98

7/8

8/8

97

166

RU8203135

6/25

7/31

90

6/26

7/31

92

BT6TA3-11-4-2

(166)

questionable

VUF_L

9

167

RU8401167

7/6

8/12

110

7/7

8/12

108

DAWN/BNT3

1gt

168

RU8502168

6/29

7/31

75

6/30

7/31

75

LBUT X2

0/0
w/T

16/A

0

0

58.1/68.2

6381

0

0

64.0/69.7

6162

0

0

61.1/68.9

7236

0

0

64.9/71.0

5860

169

RU8503169

6/25

7/31

80

6/27

7/31

81

C610A-32-1-5-BK

Hv'd A
borders

(7306-10)

170

RU8501170

7/3

8/16

106

7/2

8/16

102

STBN/ZADT

//BN73

1gt

Slow pm. mat.

171

RU8502171

6/28

8/1

80

6/29

8/1

83

LBNT X2

172

RU8403172

6/27

7/31

78

6/29

7/31

80

C610A-BK-73-4

Hv'd A
borders

(172)

Early fall segs!
Very good

%
w/T

16/A

0

0

6346

0

0

7843

0

0

5972

0

0

6442

173

RU8501173

7/11

8/12

90

7/10

8/12

89

RA73/LBNT

lgt

174

RU8502174

7/11

8/11

108

7/11

8/11

96

LBNT X2

175

RU8503175

6/29

7/31

82

6/28

7/31

80

C615A-33-10-1-BK

(10463-67)

176

RU8501176

7/11

8/19

111

7/11

8/19

116

STTD//9680

19722

lgt

177

RU8502177

7/4

8/5

94

7/3

8/5

90

LBNT X2

Very upright long flag!

178

RU8503178

6/28

7/31

81

6/28

7/31

82

C611A-Bx-26-5-3-Bx

Hv'd A
border

(13454-55)

Very good

179

RU8301179

7/2

8/8

114

7/2

8/8

107

MARS/325893

mgt

180

RU8502180

7/2

8/1

96

7/2

8/1

102

LBNT X2

Leafy

181

RU8503181

6/28

7/31

78

6/28

7/31

76

BT7WA2-BK₂-22-2

- BK

(14788-91)

Leafier; tall regues

182

RU8301182

6/30

8/5

108

7/1

8/5

106

ZADT/STTD

mgt

183

RU8502183

6/30

8/1

78-106 92

6/30

8/1

78-104 91

LBNT R₂~~78-105~~ $\frac{27}{2} = 92$ Highly variable
many tall regues

184

RU8503184

7/1

8/1

80

7/1

8/1

79

BT41A1-259-3

-4-2

(585)

Hv'd A
borders

Excell.

VUF

V_{HM}

185

RU8501185

7/6

8/5

106

7/6

8/5

104

STBN/7501082

Good normal

1gt

186

RU8502186

7/8

8/8

101

7/8

8/8

99

DLLA X2

187

RU8503187

6/26

7/31

79

6/26

7/31

79

CG10A-13-2-1

(700)

188

RU8501188

7/2

8/5

105

7/2

8/5

103

9680/9841

Very good; neat
Uniform

1gt

%
w/T

lb/A

0

0

5816

0

0

4822

0

0

5884

0

0

6160

189

Della

CI 9483

7/7

7/7

8/8

8/8

124

120

190

RU 8503190

C634A-BK-46-1-BK

(13180-82)

Exsection!

6/26

6/24

8/1

8/1

84

82

191

RU 8301191

164986/NV66

7/3

7/3

8/8

8/8

110

111

mgt

192

RU 8502192

1711 X2

7/13

7/13

8/22

8/22

Leafy ; poor
Early eggs.

%
w/T

16/A

0

0

5624

0

0

6508

0

0

7096

0

0

4799

193

RU8503193

6/26

7/31

72

6/26

7/31

72

BT513A1-BK₂-30

-2-3

(907)

Excellent

D₅
VUF₅

194

RU8501194

6/29

7/31

113

6/28

7/31

110

STBN/LBNT

1g+

Rel. tall; leafier

195

RU8502195

7/12

8/22

7/13

8/22

1711 X2

Early segs; vascular
poor

196

RU8503196

6/26

7/31

81

6/27

7/31

82

BT725A1-30-3-3-BK

(15568-70)

Hv'd A
bordersgold
VUF₅
U₁₀₀₀

%
w/T

lb/A

0

0

5592

0

0

6102

0

0

4780

0

10/24

10/24

0

6401

R9700N

495g

252

197

RV8501197

6/28

8/5

99

6/28

8/5

102

BP87/9902

1g+

Gen. good normal
Slow pan. mat.

198

Bonnet 73

7/7

8/19

126

7/7

8/19

126

CI 9654

199

Gail Chow

7/9

8/26

100

7/8

8/26

101

CI 9962

200

Wortai

7/8

8/19

113

7/9

8/19

110

CI 9836

Off-types present?

%
w/T

16/A

0

0

6678

0

0

6638

0

0

9980

0

0

5605

HF₅ = horizontal flag, short

** Severe bird damage

301

C612-Bk₂-T8

-2-Bk

6/18

7/22

86

6/16

7/22

79

6/15

7/22

74

6/16

7/22

79

(11398-400)

6/16

7/22

80

225 A/P

H'd A B

borders

Excellent

HF₅

UHM

302

C623A-48-1

-3-Bk

6/14

7/22

88

6/13

** 7/22

87

6/14

7/22

89

6/14

** 7/22

87

(12679-81)

88

Very good

303

C623A-Bk₂

-136-1-Bk

6/18

7/22

90

6/17

7/22

89

6/16

7/22

88

6/16

7/22

85

H'd borders

A, B

(12545-46)

88

Excellent

304

C623A-18-1

-3-Bk

6/16

7/22

95

6/15

7/22

95

6/16

7/22

98

6/16

7/22

93

(12607-10)

95

Very good

Milling

 $\frac{\%}{w/T}$

lb/A

51.2/11.5

46.1/11.2

48.6/11.46180

57.6/10.9

57.9/11.2

57.8/11.0485754.4/10.6634755.7/11.55659

305

C623A-BK-25

-2-1-BK

6/17

7/22

97

6/15

7/22

95

6/15

7/22

98

6/15

7/22

97

(12274-78)

97

306

C614A-BK-67

-1-BK

6/19

7/22

76

6/18

7/22

77

6/18

7/22

75

6/18

7/22

75

(13334-36)

76

DARK green leaves!
lower part. & grains?

	Ratoon		
	Hv.		
0	10/7		
0	10/7		
0	10/7		
0	10/7		

$\frac{\%}{w/T}$ $\frac{lb}{A}$ 58.6/71.4565455.9/69.65411

** nesting or feeding damage

311	C642A-12-2-3	6/25	7/24	87
	-4	6/25	7/24	84
		6/25	7/24	84
		6/24	7/24	84
	(8624)			85
	Very good; exsection??			
312	C611A-17-5	6/24	7/30	94
	-3-1	6/24	7/30	92
		6/24	7/30	92
	Hv'd A B borders	6/24	7/30	93
	(13654)			93
	Very good	UHM DT HF		
313	C623A-Bk-26	6/20	7/24	87
	-3-1-BK	6/20 *M	7/24	80
		6/21 *M	7/24	84
		6/20 *M	7/24	77
	(12279-83)			82
	Very good	Dm HF	Dm HF	
314	C610A-8-1-3	6/25	7/26	82
	-Bk	6/23	7/26	80
		6/24	7/26	76
	Hv'd A borders	6/24	7/26	78
	(7110-14)			79
	Excellent	Dm HF? UHM		

ATOON

CENTER BORDER

343	495
-----	-----

346	527
-----	-----

266	370
-----	-----

%
w/r

lb/A

62.5/72.1

5987

55.6/70.7

6939

60.7/72.6

5520

66.6/72.3

6210

315

C611A-58-1-4
-Bk

6/21	7/24	76
6/21	7/24	75
6/21	7/24	77
6/21	7/24	72
		75

Hv'd A
borders
Rosemont

(13844-48)

Very good

UF
Ds
UHM

316

C612A-

6/22	7/24	75
6/22	7/24	74
6/22	7/24	72
6/22	7/24	73
		74

(11962-65)

Short but very good

UHM
Ds
AF

Ratoon
Hv.

5

①

9

RATON

280

406

$\frac{\omega}{T}$ $\frac{16}{A}$ $\frac{61.5}{72.2}$

5984

 $\frac{63.0}{71.8}$

5860

** Severe nesting damage

321	C611A-Bk-85 -3-4-Bk	6/25 6/25 6/25 6/25	7/30 7/30 7/30 7/30	78 77 72 77
Hv'd AB borders	(13583-85)			76
	Smaller points?	UF ₅ UHM		
322	C615A-Bk- (10953-57)	6/23 6/21 6/22 6/22	7/26 7/26 7/26 7/26	96 90 93 92
				93
		N ₅ UF		
323	C610A-Bk-63 -10-2-Bk	6/24 6/24 6/24 6/24	7/26 7/26 7/26 7/26	82 80 77 82
Hv'd AB borders	(7033-37)			80
	Very good	UF ₅		
324	C623A-Bk ₂ -75-Bk (324)	6/21 6/20 ** 6/21 6/21 **	7/24 7/24 7/24 7/24	92 92 96 90
				93
		D _T ? HF		

%
w/T

16/A

66.8/69.8

6258

66.6/71.3

5366

68.1/71.0

6520

64.0/71.0

4877

325

C623A-54-5
-2-BK

6/24

7/30

91

6/23

7/26

90

6/23

7/26

87

6/23

7/26

89

(12706-08)

89

Very good

Ng?

UF_s

326

C610A-BK₂-140
-3-BK

6/30

8/1

81

6/27

7/30

78

6/26

7/30

77

6/26

7/30

76

Hv'd AB
borders (7897-98)

78

Very good

VUF_s



Ratoon
Hv.

0

0

0

0

0

10/25

10/25

0

10/25

10/25

0

10/25

0

10/25

RATION

360

441

372

488

$\frac{\%}{w/T}$ $\frac{lb}{A}$ $\frac{63.6}{71.7}$ $\frac{5941}{}$ $\frac{65.8}{71.8}$ $\frac{7047}{}$

331

C609A-55-2

6/28

8/1

83

6/26

7/31

80

6/26

7/31

76

6/25

7/31

74

(83/1257)

78

Excellent

VUF

332

C612A-Bk₂-33

6/27

7/31

82

-3-Bk

6/24

7/31

79

6/24 **

7/31

80

6/23

7/31

83

(11331-35)

6/25

81

333

C609A-Bk-86

7/6

8/12

83

-4-4-Bk

7/5

8/9

82

7/5

8/9

84

Hvd A B
borders

7/4

8/9

84

(9368-70)

83

Excellent

334

C611A-Bk-17

6/28

7/31

77

-3-2-Bk

6/27

7/31

76

6/27

7/31

72

6/27

7/31

76

(13423-24)

75

Hvd A B
borders

Exsection!

335

C615A-Bk-45

-10-3-Bk

7/6

8/12

87

7/4

8/9

89

7/5

8/9

87

7/4

8/9

88



Hv'd AB

(10219-23)

88

borders

Excellent

HF

Very uniform

336

C610A-Bk-64

-3-2-Bk

6/26

7/31

80

6/24

7/31

77

6/25

7/31

76

6/24

7/31

78

(7038-42)

78



Very good

	Ration		%	lb/A	
	Hv.		w/T		
0	10/22	10/22			
0	10/22	10/22			
0	Ration	wt.			
0	401	753			
	331	620	52.4/72.1	7183	

0
0
0
0

64.0/71.7 5783

341

84AS2055

6/17

7/16

126

6/16

7/16

126

126

(Alex)

Very tall

HF

342

84AS2056

6/13

7/16

96

6/14

7/16

102

99

(Alex)

Severe bird damage
(No yield data)

343

84AS2057

6/25

8/1

127

6/25

8/1

124

126

(Alex)

Very tall

344

84AS2058

6/24

7/30

107

6/25

7/30

107

107

(Alex)

Better than other
Alex mgt's

Ratoon

Center	Bush
--------	------

280	936
-----	-----

327	830
-----	-----

347	773
-----	-----

335	899
-----	-----

342	932
-----	-----

434	873
-----	-----

415	632
-----	-----

364	730
-----	-----

$\frac{\%}{w/T}$ $\frac{lb}{A}$

4636

57.9/70.2

63.4/70.8

5937

65.8/71.6

7512

66.7/70.2

351

BT121A3-Bk3
-1-3-1

6/22
6/22

7/22
7/22

104
90?
97

RV8003005

(HR)

352

C66TA-11-5-1
-Bk

6/22
6/22

7/24
7/24

94
100
97

(15838-40)

Ne?
HFs

353

BT74A2-Bk2
-197-Bk-4-Bk

6/25
6/26

7/26
7/26

75
80
78

(530)

VUF

354

C612A-Bk2-97
-1-Bk

6/21
6/22

7/24
7/24

74
76
75

(11429-33)

Ds

Very good
Some bird feeding!

UFs
VHM

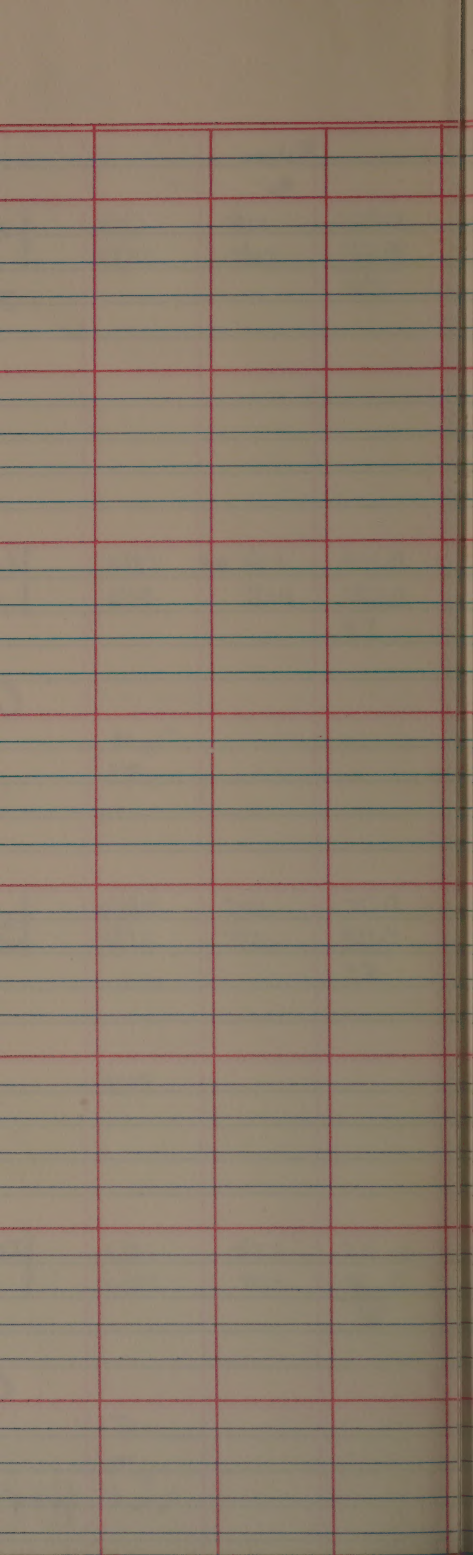
Ratoon
Hv.

0
0

0
0

0
0

0
0



%
w/T

16/A

65.3/70.1

6052

61.6/70.4

5677

64.0/70.6

5926

60.2/71.7

5197

** nesting damage

361	C612A-6-3-2 -Bk	6/28 6/28	7/31 7/31	83 80 82
Hv'd A border	(11501-03)			
362	C612A-14-3-4 -Bk	6/27 ** 6/27	7/31 7/31	83 78 81
	(11523-25)			
363	C610A-119-7-3 -Bk	6/30 6/30	7/31 7/31	73 79 76
Hv'd A border	(7668-72)			
	Excellent	UHM VUFs		
364	C609A-22-4 -2-Bk	6/27 6/27	7/31 7/31	82 80 81
Hv'd A border	(9459-63)			
	Very good			

Leaf measurements

46	UYN	& Fd
32	"	"
55	"	"
56	"	"
72	"	"
32	"	
33	"	
34	"	
157	"	
160	"	

Need Fd LMNT

2 more samples of 157 + 160

Hybrids ??

+ KCAI

NKNG

Gul Chow

LA 110

1803097

C622 = SKBT/L201

C609 = 9881/331581 // 7801067

C610 = 9881/331581 // SKBT

C611 = 9881/331581 // L201

C612 = 9881/331581 // 7402003

C614 = 9881/331581 // 7802003

C615 = 9881/331581 // 7701074

C623 = SKBT/7402003

C625 = SKBT/7802003

C642 = 9881/331581 // 7801007

C634 = LBLE/7802003

B7513A = 372041/LBNT * 2

B7725A = DAWN/331581

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK

AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

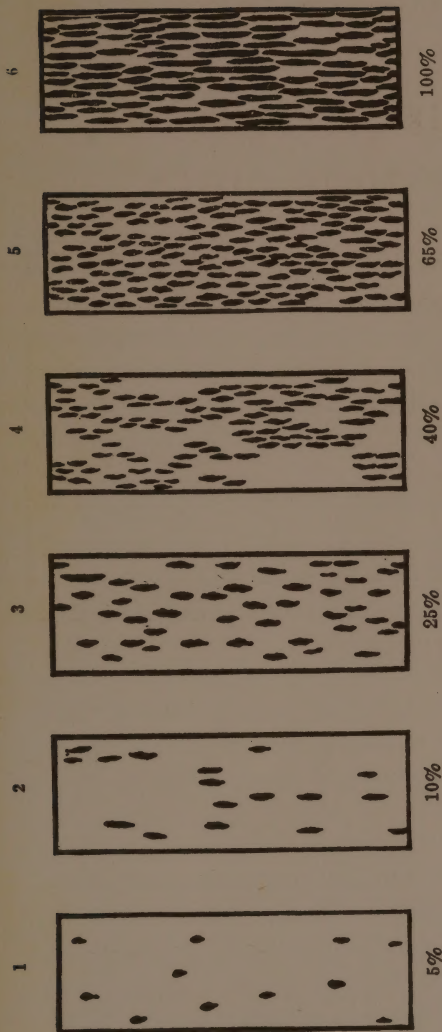
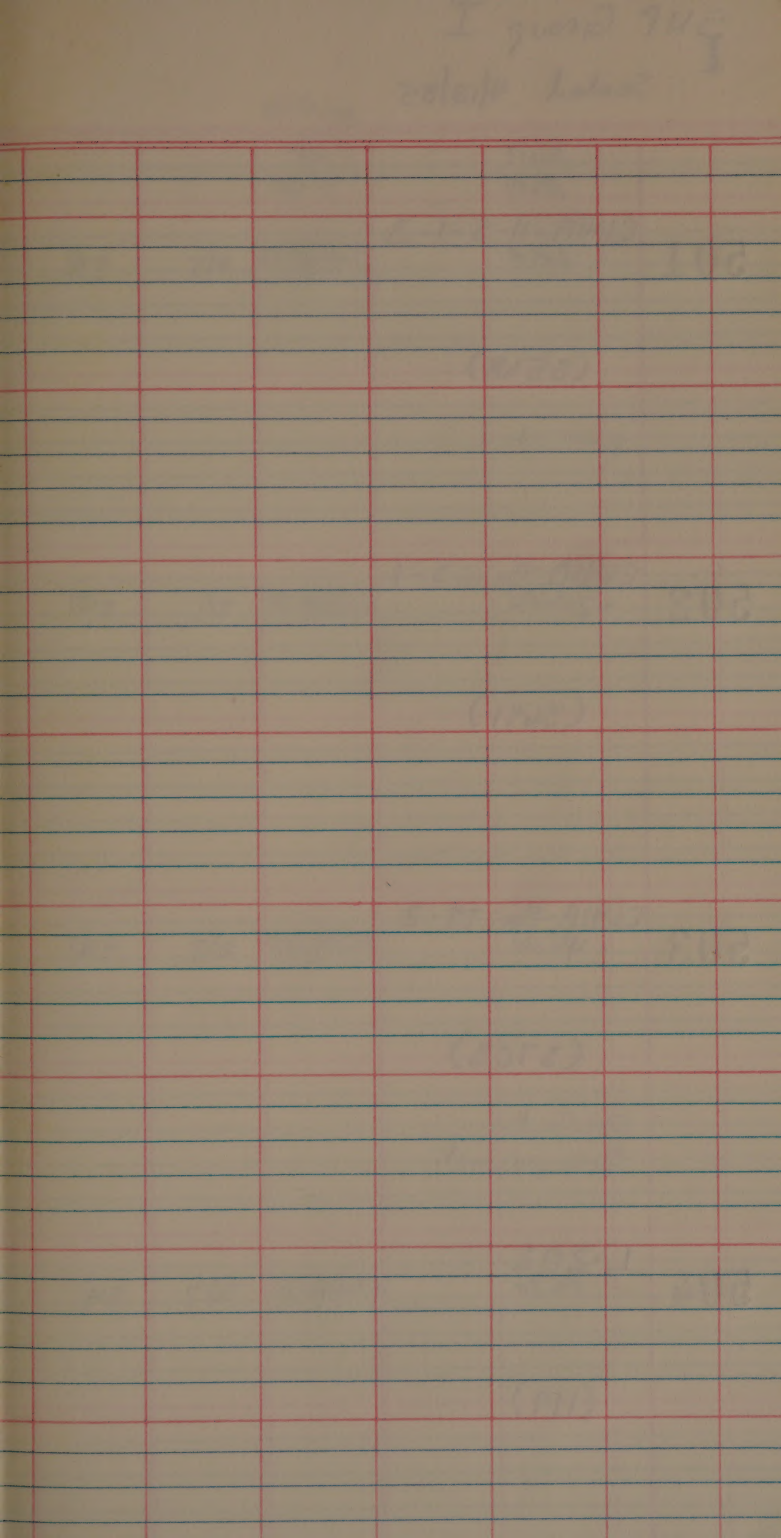


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.



SNP Group I

Seeded 4/18/85

501

C641A-11-5-1-3

7/3

8/5

83

(3568)

poorer stand

502

C641A-BK-63-1

-2

6/27

8/1

85

(3691)

503

C641A-BK-75-2

-4

7/2

8/7

74

(3703)

Excellent

Slow grow. mat.

504

L-202

7/4

8/7

84

(119)

Milling

		% w/T	Yield lb/A	
0		51.4/71.7	5361	
0		45.3/72.0	5366	
0		29.6/67.9	6070	
0		51.0/69.6	6934	

505

C625A-BK-92
-5-1

7/11

8/1

80

(3795)

Tall segs.
rogued

506

C642A-25-5-5
-2

7/18

8/17

93

Hv'd borders

(8648-51)

507

NWBT

7/17

8/19

109

(RR Fd)

508

C612A-BK-14-3-5
-BK

7/12

8/5

91

(11217-21)

%
w/T

1b/A

63.4/69.4

4790

58.4/71.9

6687

57.4/68.4

5901

53.6/71.9

5952

509

C612A-Bk-34-3-5-Bk

7/3

8/1

79

(11280-83)

Excellent

Very uniform

510

C612A-Bk₂-11-4-Bk

7/3

8/5

74

(11295-99)

Excellent

Very uniform

511

RU8303046

7/8

8/9

83

(HR)

512

C612A-Bk₂-61-2-Bk

7/3

8/5

76

Hv'd
borders

(11379-82)

Very good

AF?

0/b
w/T

16/A

61.8/71.2

5770

46.2/72.2

6070

61.2/70.6

6564

48.2/71.8

6677

513

C612A-Bk₂-100-2-Bk

7/3

8/5

71

(11436-38)

514

C612A-Bk₂-110-3-Bk

7/2

8/1

76

(11451-52)

515

LMNT

7/13

8/12

85

(Fd)

516

C612A-Bk₂-120-2-Bk

7/4

8/7

75

(11468-69)

Excellent

$\frac{\%}{W/T}$

16/A

32.4/71.9

5217

64.0/70.6

5798

65.0/71.4

6595

48.9/71.4

5711

517

C612A-Bk₂-123-1-Bk

7/4

8/7

76

Hv'd borders

8/21

(11470-72)

518

C612A-21-3-3-Bk

7/3

8/5

83

Hv'd
borders

(11537-41)



UF

519

RV8303169

7/8

8/12

78

(HR)

520

C612A-36-5-5-Bk

7/2

8/1

82

(11590-92)

%
W/T

lb/A

51.8/72.0

6230

43.2/72.8

6893

56.5/69.7

6456

63.8/72.8

5294

521 C612A-49-1-3-Bk

7/1

8/1

8/

(11638-39)

522 C612A-52-2-5-Bk

7/2

8/5

8/

Hv'd borders

8/21

(11659-61)

523 C612A-63-4-3-Bk

7/3

8/7

74

(11694-97)

524 C612A-71-2-3-1

7/3

8/5

74

Hv'd
borders

(11725)

UF

$\%$
W/T

lb/A

59.0/72.0

5705

57.8/70.5

6101

36.2/71.5

5628

55.5/70.2

6492

525

C612A-79-2-1-BK

7/2

8/1

91

(11764-65)

526

C612A-

7/3

8/5

81

Hv'd
borders

(11779)

AF

Taller dust

527

C612A-

7/1

8/1

75

Hv'd
borders

(11792-95)

AF

528

C612A-

7/2

8/1

75

(11948-50)

$\frac{\%}{W/T}$

16/A

60.2/72.2

5844

48.4/71.8

6302

64.5/71.0

6199

64.4/71.6

6101

529

C612A-

7/4

8/5

79

Hv'd
borders

(11992-94)

AF?

530

C623A-BK-13-3
-1-BK

7/1

8/1

82

(12232-35)

531

C623A-BK-16-1-3-BK

7/3

8/5

87

(12247-48)

532

C623A-BK-27-3-5-BK

7/3

8/5

85

(12289-91)

%
W/T

16/A

57.1/71.5

6569

57.4/70.4

5484

42.4/71.8

5135

47.0/71.7

4415

533

C623A-Bk-36-5-3-Bk

7/1

8/1

87

(12314-18)

534

C623A-Bk-43-3-1-Bk

7/4

8/9

86

Hv'd
borders

(12332-33)

Very good

535

C623A-Bk₂-87-3-Bk

7/3

8/1

86

Hv'd borders
8/21

(12470-71)

536

C623A-Bk₂-96-2-4

7/2

8/1

80

(12496)

$\frac{\%}{W/T}$

1b/A

62.7/71.4

5628

46.6/70.5

6661

56.2/72.6

6045

64.0/70.2

5824

537

C623A-Bk₂-118-4-Bk

7/3

8/5

90

(12529-31)

538

C623A-Bk₂-126-2-5

7/2

8/5

89

(12543)

539

C623A-14-4-4-1

6/29

8/1

80

(12591)

540

C623A-19-5-3-Bk

7/1

8/1

89

(12611-13)

%
W/T

16/A

35.8/71.5

5808

57.0/72.3

5289

60.2/72.6

5166

58.8/72.5

5675

541

C623A-31-1-1-BK

6/28

8/1

74

(12659-41)

542

C623A-40-1-3-BK

7/1

8/1

86

(12666-67)

543

C623A-48-1-3-BK

6/26

8/1

79

(12679-81)

HF

*Very early*

544

C623A-48-4-3-5

6/28

8/1

82



(12688)

Hv'd
borders

VF

$\frac{\%}{W/T}$

16/A

61.6/69.9

4225

62.4/71.1

5407

60.0/71.2

4703

54.0/71.0

5901

545	C623A-49-3-3-2	7/1	8/1	8/1
-----	----------------	-----	-----	-----

(12690)

546	C623A-59-1-5-BK	6/29	8/1	90
-----	-----------------	------	-----	----

(12709-11)

547	C623A-86-1-5-5	6/30	8/1	90
-----	----------------	------	-----	----

Hv'd borders
8/21

(12755)

548	LBLE	** 6/30	8/1	104
-----	------	---------	-----	-----

(Fd)

$\frac{\%}{W/T}$

16/A

57.4/72.0

5012

57.2/71.3

5551

63.0/70.8

5711

65.2/71.2

5047

549

C623A-BK-57

7/1

8/1

88

(12822)

550

C623A-BK-239

7/2

8/1

93

(13010)

551

LBNT

7/9

8/9

112

(Fd)

552

C634A-BK-39-1

-2

6/27

8/1

73

(13169)

%
W/T

16/A

61.3/13.2

5613

60.0/12.2

5815

55.5/69.8

6122

64.5/69.7

4287

553

C614A-8-1-2-2

7/1

8/1

73

(13221)

554

C614A-18-3-5-5

7/1

8/1

85

(13234)

555

LEAH

7/13

8/12

91

(35)

Orange leaves!

556

C614A-59-4-2-3

7/2

8/1

81

(13258)

%
W/T

lb/A

62.7/69.9

4806

66.6/71.0

4462

49.4/71.1

6317

62.6/69.6

5279

557

C614A-64-4-4-1

7/1

8/1

78

(13261)

558

C614A-Bk-16-2-2

7/1

8/1

79

(13272)

559

TBNT

7/3

8/9

111

(AR Fd)

560

C614A-Bk-18-3-4

7/2

8/1

86

(13280)

$\%$
w/T

16/A

64.0/70.0

5448

66.2/69.6

4878

55.0/72.6

6970

53.6/69.6

5017

561

C614A-Bk-21-4-5

7/1

8/1

75

(13286)

562

C614A-Bk-25-3-Bk

7/1

8/1

80

(13290-91)

563

BOND

6/30

8/1

77

(AR Fd)

564

C614A-Bk-67-1-Bk

7/1

8/1

66

(13334-36)

%
W/T

lb/A

64.2/71.2

4991

67.4/69.8

5731

61.7/70.3

4842

52.2/68.9

5012

565

C614A-BK-125-2-2

6/28

8/1

64

(13385)

566

C611A-BK-63-3
-3-5

6/27

8/1

64

(13539)

567

C611A-44-4-5-5

6/28

8/1

80

(13797)

568

C611A-54-1-1-BK

6/29

8/1

85

(13829-31)

$\frac{\%}{W/T}$

lb/A

62.7/70.0

5083

59.2/71.1

5037

62.2/76.0

5443

64.0/69.5

6014

569

C667A-4-3-3-1

7/1

8/1

97

(15811)

570

C667A-11-5-1-BK

7/1

8/5

87

(15838-40)

571

C667A-44-2-2-1

7/4

8/9

91

Hv'd
borders

(15925)

Very good; very uniform

HF

572

C622A-BK-5-5
-5-2

7/6

8/9

93

Hv'd
borders

(16522)

HF

$\frac{\%}{W/T}$

16/A

59.8/70.2

6214

60.3/70.0

6096

39.4/73.0

6518

56.0/69.4

6918

573

C622A-Bk-7-5-4-Bk

6/30

8/1

87

(16533-35)

574

C622A-Bk-16-1-3-2

7/1

8/5

84

(16538)

575

C622A-Bk-16-5-5-Bk

7/1

8/1

89

Hvld
borders

(16559-60)

UF

576

C622A-Bk-22-3-3-Bk

6/29

8/1

88

(16574-75)

		%			
		W/T		16/A	

		65.4/71.0		5849	
--	--	-----------	--	------	--

		51.7/71.1		5680	
--	--	-----------	--	------	--

		61.3/71.2		6189	
--	--	-----------	--	------	--

		40.3/71.6		4790	
--	--	-----------	--	------	--

577

C622A-BK-22-4-2-BK

7/2

8/1

96

(16581-82)

578

C622A-BK-33-3-4-5

7/3

8/5

95

(16588)

579

C622A-BK-45-5-4-4

6/30

8/1

89

(16628)

580

C622A-BK-72-1-

?

BK

7/4

8/5

90

Hv'd borders
8/21

(16667-68)

$\frac{\%}{W/T}$

16/A

52.5/70.1

5561

38.7/71.8

5675

51.8/69.4

5885

52.4/69.0

6096

581

C622A-Bk-72-5-4-2

7/3

8/5

89

(16672)

582

C622A-Bk-89-2-1-1

7/2

8/5

93

(16697)

583

C622A-16-5-2-4

7/3

8/5

87

Hv'd borders

8/21

(16757)



VUF

584

C622A-37-3-2-4

7/4

8/5

86

Hv'd
borders

(16767)

$\frac{\%}{w/T}$

16/A

55.8/70.4

5813

47.4/70.7

5258

64.3/71.2

5942

50.9/71.2

6708

585

C622A-37-4-5-3

7/2

8/1

85

(16771)

586

C622A-47-1-2-5

7/2

8/1

90

(16809)

587

C622A-52-4-3-4

6/28

8/1

77

(16818)

588

C622A-63-3-5

-4

7/2

8/1

98

Hvid
borders

(16849)

HF?

%

W/T

16/A

58.7/10.4

4924

60.0/9.8

5371

58.8/9.8

5680

54.4/10.2

6338

SNP Block II

* Missed 1st N applic.

Seeded 4/18

589

C641A-24-3-4-3

7/1

*

8/5

64

(3579)

590

C641A-29-4-4-3

7/2

8/5

69

(3584)

591

C625A-BK-45-5-1

7/2

8/5

85

Hv'd borders

8/21

(3745)

592

TBNT

7/2

8/5

106

(AR Fd)

593

C642A-Bk-63-2-Bk

7/3

8/5

77

(8751-55)

594

C609A-T6-3-1-Bk

7/1

8/5

74

(9593-97)

Excellent short dwt

UF₅

595

SKBT

7/6

8/9

99

(Fd)

596

C615A-

7/15

8/12

83

(11042-46)

$\frac{\%}{w/T}$

16/A

56.2/70.6

5248

59.5/70.9

5222

57.5/70.5

6929

58.4/70.1

5551

597

C615A-

7/5

8/2

75

(11172-73)

598

C612A-Bk₂-19-3-Bk

7/11

8/2

67

(11310-14)

Excellent
Productive?

UHM

599

BOND

6/30

8/5

87

(AR Fd)

600

C612A-Bk₂-29-3-Bk

7/3

8/5

72

Hv'd borders

8/21

(11326-30)

%
w/T

lb/A

55.0/72.1

4898

55.8/64.7

5037

56.0/70.4

5818

46.4/70.0

5808

601

C612A-Bk₂-47-2-Bk

7/1

8/2

71

(11352-55)

602

C612A-Bk₂-68-4-Bk

7/1

8/2

72

(11388-92)

603

LBNT

7/8

8/9

105

(Fd)

604

C612A-Bk₂-86-2-5

7/2

8/2

71

(11412)

$\frac{\%}{w/T}$

16/A

56.3/11.2

5412

62.7/10.9

5664

53.0/10.3

6744

62.9/11.5

5376

605

C612A-25-2-2-Bk

7/3

8/5

75



(11550-51)

Hv'd
borders

Excellent

AF

Grassy plot

606

C612A-

7/2

8/2

75

(11885-86)

Excellent

607

LBLE

6/29

8/2

100

(Fd)

608

C612A-

7/3

8/7

80

Hv'd
borders

(11952-55)

Very good
max tiller?

AF?

%
w/T

16/A

49.0/71.8

6194

57.1/69.0

5063

63.5/71.0

4693

52.0/71.8

7057

* Missed early N

609

C623A-Bk-32-2-3-Bk

7/11

8/2

87

(12307-08)

610

C623A-Bk₂-36-4-Bk

7/2

8/7

91

Hv'd
borders

(12399-400)

Very good

HF

611

C623A-Bk₂-56-5-3

7/2 *

8/5

64

(12424)

many late tiles
from late N

612

C623A-Bk₂-116-4-1

7/11

8/2

84

Hv'd
borders

(12524)

%
w/T

16/A

54.7/70.8

5263

43.4/72.2

6271

56.2/64.6

3387

50.9/70.4

6117

613

C623A-20-5-4-Bk

7/1

8/2

87

(12616-18)

614

C623A-Bk₆-64

7/3

8/7

95

Hvid
borders

(12830)

615

C623A-Bk₆-129

7/2

8/5

86

(12897)

616

C623A-Bk₆-151

7/2

8/5

86

Hvid
borders

(12919)

$\frac{\%}{w/T}$

16/A

52.5/10.6

5623

56.6/10.8

6240

49.9/69.8

5716

46.4/11.8

6040

617

C634A-Bk-19-5-4

7/12

8/12

75

(13124)

Countless late tillers!
Excellent dist but
small pan.

618

C634A-Bk-26-3-3

7/13

8/12

90

Hv'd borders

8/21

(13129)

619

C634A-Bk-35-3-5

6/29

8/12

66

(13157)

Countless late tillers!

620

C614A-Bk-35-2-5

7/3

8/5

80

(13296)

$\frac{\%}{w/T}$

lb/A

36.0/71.0

5695

53.3/69.6

7150

36.2/69.7

5613

63.0/74.4

5531

621

C614A-Bk-120-2-1

7/3

8/2

80

(13379)

622

C611A-Bk-28-3-4-Bk

7/2

8/2

73

(13469-70)

623

C611A-Bk-38-5-5-Bk

7/5

8/7

88

Hv'd
borders

(13495-96)

624

C611A-Bk-60-5-5-Bk

7/1

8/2

82

(13530-32)

$\frac{\%}{W/T}$

16/A

54.6/10.8

5603

49.0/11.0

5587

37.4/11.0

6430

60.0/12.0

5757

625

C611A-Bk-63-4-2-Bk

7/1

8/2

68

(13541-42)

626

C611A-Bk-64-4-2-4

7/2

8/2

68

(13559)

627

C611A-49-1-4-5

7/2

8/2

71

Hv'd
borders

(13776)

628

C611A-49-3-5-3

7/1

8/2

77

Hv'd
borders

(13790)

$\frac{\%}{W/T}$

lb/A

61.0/71.1

5711

56.6/71.4

5849

67.2/71.0

6271

66.4/71.1

6214

629

C611A-49-5-5-3

7/1

8/2

74

(13800)

630

C611A-58-2-2-4

7/1

8/2

70

Hv'd borders

8/21

(13852)

631

C611A-BK₆-76

7/5

8/7

88

Hv'd

borders

(13936)

632

C667A-4-3-4-BK

7/2

8/5

92

Hv'd borders

8/21

(15819-20)

$\frac{w}{T}$

16/A

65.9/69.8

5932

64.5/70.3

6122

63.6/71.1

7001

58.7/71.2

6291

* Missed early N

633

C667A-17-1-2-BK

7/11 *

8/5

60

(15854-56)

634

C667A-32-2-4-1

6/29

8/2

72

(15884)

635

C667A-53-1-4-3

6/30

8/2

93

(15958)

636

NWBT

7/16

8/22

103

(AR Fd)

%
w/T

16/A

45.6/73.4

4477

65.0/71.9

5685

63.0/69.8

5356

58.0/70.1

7191

637

C667A-58-2-4-3

6/30

8/2

89

Hv'd borders

8/21

(15984)

638

C667A-59-3-2-Bk

6/29

8/2

79

(15989-90)

639

RV8303046

7/6

8/7

79

(HR)

640

C667A-60-5-2-1

7/3

8/7

86

Hv'd
borders

(15997)

$\frac{\%}{w/T}$

16/A

64.2/11.6

5921

61.9/11.8

5541

57.9/10.6

7062

59.7/10.4

6358

641

C667A-62-4-3-BK

6/30

8/2

77

(16014-15)

Excellent

642

C667A-68-1-1-1

6/30

8/2

79

(16038)

643

LMNT

7/9

8/9

81

(Fd)

644

C667A-68-3-4-BK

6/30

8/2

81

Hv'd
borders

(16049-50)

Excellent

645

C667A-Bk-13-5-1

7/1

8/2

78

(16141)

Excellent

646

C667A-Bk-26-3-4

7/2

8/5

85

Hv'd

borders

(16181)

647

RU8303169

7/6

8/12

78

(HR)

Grassy plot

648

C667A-Bk-45-4-Bk

7/2

8/7

84

Hv'd borders

8/21

(16229-31)

grassy plot

$\frac{\%}{w/T}$

16/A

63.9/70.6

5541

56.6/72.1

6661

55.6/69.8

7150

51.2/70.5

6055

649

C667A-Bk-62-2-Bk

7/1

8/2

74

Hv'd borders

8/21

(16279-80)

Excellent

650

C667A-Bk-77-5-Bk

7/2

8/7

74

Hv'd borders

8/21

(16317-18)

Very good
grassy plot

651

NWRX

7/7

8/9

95

(Fd)

652

C667A-Bk-88-3-2

6/30

8/2

85

(16362)

0/0
W/T

16/A

65.8/12.0

5731

53.3/11.5

5716

51.2/68.3

6235

67.6/12.3

6070

* Missed early N

653

C622A-BK-5-1-2-BK

7/6

8/9

96

Hv'd borders

8/21

(16512-14)

654

C622A-BK-16-5-1-BK

6/29

8/2

80

Hv'd

borders

(16554-56)

655

C622A-BK-43-3-2-3

6/30 *

8/12

65

(16606)

many late tillers
from late N

656

C622A-BK-50-4-4-2

7/3

8/7

87

Hv'd borders

8/21

(16636)

%

W/T

lb/A

51.2/70.5

6682

61.3/71.1

6610

36.8/70.6

3655

51.7/70.6

6703

657

C622A-Bx-63-4-3-2

7/40

8/9

93

Hv'd borders

8/21

(16662)

658

7/11

8/2

90

(16617)

659

C622A-12-3-2-4

6/28

8/2

80

(16731)

660

C622A-13-5-4-1

6/29

8/2

78

(16743)

$\frac{\%}{W/T}$

lb/A

48.2/11.0

6759

60.5/11.0

5592

56.8/10.2

5685

59.8/10.2

5906

661

C622A-38-2-4-Bx

7/3

8/5

84

(16777-78)

662

C622A-39-5-5-1

6/27

8/2

76

(16785)

663

C622A-47-5-4-1

7/3

8/5

90

Hv'd
borders

(16810)

664

C622A-55-3-4-5

6/30

8/2

85

(16824)

$\frac{w}{T}$

1b/A

45.0/69.6

5870

58.4/69.1

5068

46.7/70.2

6512

54.6/71.5

5623

665

C622A-Bkg-

7/1

8/2

91

(16853)

666

C622A-Bkg-

6/30

8/2

85

(16871)

667

C622A-Bkg-

7/3

8/5

90

Hv'd
borders

(16909)

668

C622A-Bkg-

6/29

8/2

88

(16982)

$\frac{0}{0}$
W/T

16/A

48.0/69.9

5839

46.6/64.3

5469

56.0/64.1

6759

59.6/71.1

5952

669

C641A-3-4-4-3

6/29

8/2

65

(3553)

670

C625A-Bk-27-2-3

7/11

8/2

76

(3739)

671

C610A-Bk-22-3-3-Bk

7/3

8/5

66

Hv'd
borders

(6889-93)

672

C610A-Bk-48-6-4-Bk

7/6

8/9

77

Hv'd borders

8/21

(6992-96)

$\frac{\%}{W/T}$

16/A

47.6/68.4

4040

54.4/68.5

5608

59.0/70.7

6338

60.0/70.9

6708

673

C610A-10-5-2-BK

7/11

8/2

72

(7521-23)

674

C610A-83-8-4-BK

7/4

8/5

76

Hv'd
borders

(7552-56)

675

C610A-101-3-5-BK

7/5

8/9

76

Hv'd borders

8/21

(7589-93)

Excellent

676

C610A-105-9-2-BK

7/6

8/9

74

Hv'd borders

8/21

(7615-19)

Excellent

%
w/T

16/A

61.6/69.4

5171

63.8/71.0

7458

56.6/71.0

6739

62.4/70.2

6985

SNP Block III

Seeded 4/19

677

C641A-60-4-3-4

7/4

8/6

78

(3620)

678

C625A-Bk-51-3-2

7/4

8/7

83

(3758)

thin stand

679

C610A-Bk₂-35-2-2

7/6

8/9

76

Hv'd borders

8/22

(7728)

Excellent plant

680

C610A-Bk₂-43-1-Bk

7/7

8/9

73

(7738-40)

Excellent plant

$\frac{\%}{W/T}$ $\frac{lb}{A}$

50.9/12.2

5258

59.7/10.4

5716

62.6/10.6

6399

60.0/10.7

5875

681

LBNT

7/8

8/12

106

(Fd)

682

C610A-Bk₂-44-2-Bk

7/6

8/9

74

Hv'd borders

8/22

(7744-47)

Excellent plant

683

C642A-28-5-2-Bk

7/4

8/6

78

Hv'd borders

8/22

(8656-57)

684

C642A-29-3-4-Bk

7/4

8/6

80

Hv'd borders

8/22

(8659-62)

$\frac{\%}{w/T}$

16/A

58.2/70.7

6615

63.4/70.6

6841

58.2/71.6

6225

62.7/71.2

6379

685

C642A-BK-48-2-BK

7/6

8/9

15

(8714-18)

686

RU8303046

7/8

8/12

82

(HR)

687

LMNT

7/11

8/16

80

(Fd)

688

RU8303169

7/8

8/16

78

(HR)

%
w/T

lb/A

61.6/70.9

5988

61.1/70.9

6332

61.9/70.2

7042

57.1/69.7

7115

689

C642A-Bk-484-Bk

7/2

8/7

72

(8719-21)

Excellent

690

C642A-Bky-28

7/3

8/6

85

Hv'd borders
8/22

(8789)

691

C642A-Bky-214

7/3

8/7

85

Hv'd borders
8/22

(8981)

Grassy

692

C642A-Bky-226

7/3

8/2

85

Hv'd borders
8/22

(8993)

0/0
w/T

16/A

61.6/10.6

4883

62.2/10.8

1057

59.2/69.6

6379

67.5/71.1

6461

693	C642A-Bky-359	7/5	8/7	79
	(9130)			
694	SKBT	7/6	8/12	101
	(Fd)			
695	C615A-Bk-8-7-2-Bk	7/5	8/7	72
	(10111-13)			
	grassy plot			
696	C615A-25-5-3-Bk	7/4	8/6	87
Hv'd borders				
8/22	(10417-19)			
	Excellent			

$\frac{\%}{w/T}$

lb/A

54.9/69.6

5911

56.8/71.0

6852

57.6/70.6

4878

59.9/70.2

6821

697

C615A-36-9-3-Bk

7/8

8/9

71

(10490-93)

late tillers

698

C615A-51-4-3-Bk

7/5

8/7

78

(10571-75)

699

C615A-99-8-1-Bk

7/6

8/7

65

(10752-56)

700

C615A-

7/7

8/9

71

(11027-31)

exsertion?

$\frac{\%}{w/T}$

16/A

57.7/10.7

6214

62.3/11.0

6142

53.0/10.7

6004

48.4/10.7

5556

701

C615A-

7/8

8/12

76

Hv'd borders

8/22

(11079-80)

Excellent

702

C612A-Bk₂-36-3-Bk

7/5

8/7

74

Hv'd borders

8/22

(11338-39)

703

C612A-

7/8

8/9

76

Hv'd borders

8/22

(11931)

Excellent

704

C612A-

7/5

8/7

74

(11966)

%
w/T

16/A

56.0/10.6

6584

49.7/10.3

6363

52.9/10.5

6497

60.9/69.4

5418

705

C612A-BK₆-134

7/5

8/7

91

Hv'd borders

8/22

(12140)

706

C612A-BK₆-145

7/4

8/6

79

(12152)

707

C623A-BK-5-3-1-BK

7/5

8/6

86

Hv'd borders

8/22

(12206-08)

708

C623A-BK-10-4-3-BK

7/3

8/6

84

(12221-23)

%
w/T

16/A

50.6/71.2

6451

40.0/71.7

6055

54.9/70.9

6297

49.6/70.2

5284

709

C623A-Bk-35-5-3-Bk

7/5

8/7

82

(12310-12)

710

C623A-Bk-48-4-2-Bk

7/3

8/6

91

(12345-47)

711

C623A-Bk₂-20-3-Bk

7/3

8/6

88

(12387-90)

712

C623A-Bk₂-39-5-5

7/5

8/6

84

(12406)

%
W/T

16/A

52.8/10.0

6004

49.4/10.8

5695

36.0/12.3

5664

54.1/10.4

5618

$\frac{D}{W}$

16/A

66.7/69.6

6122

45.6/71.4

5474

59.0/72.0

5973

56.8/70.7

5885

717

C623A-Bk₂-115-4-Bk

7/4

8/6

87

(12519-21)

718

C623A-8-2-2-Bk

7/2

8/6

84

Hv'd borders

8/22

(12579-80)

719

C623A-11-2-1-2

7/1

8/2

77

(12582)

grassy plot

720

C623A-53-4-2-Bk

7/2

8/2

73

Hv'd borders

8/22

(12695-97)

%

w/T

lb/A

56.6/10.8

5531

57.8/10.6

6204

63.4/11.1

4883

63.3/11.5

6168

721

C623A-BK₆-50

7/5

8/6

86

Hv'd borders

8/22

(12815)

722

C623A-BK₆-63

7/4

8/6

92

Hv'd borders

8/22

(12829)

723

C623A-BK₆-71

7/5

8/9

96

(12837)

late tillers

724

TBNT

7/5

8/12

118

(AR Fd)

%
w/T

lb/A

52.0/11.4

6667

55.0/10.5

6446

57.6/11.2

6122

55.5/11.2

7535

725

C623A-Bk₆-103

7/9

8/12

98

(12870)

poor stand
Next plant

726

C623A-Bk₆-272

7/5

8/7

91

(13044)

727

C623A-Bk₆-282

7/4

8/7

93

Hv'd borders
8/22

(13055)

728

C623A-Bk₆-285

7/5

8/7

93

Hv'd borders
8/22

(13058)

%
w/T

16/A

53.3/12.9

5844

59.8/11.4

5829

56.0/12.0

6785

53.8/10.6

6965

729

C634A-Bk-51-3-Bk

7/3

8/6

76

(13196-97)

730

C614A-22-1-2-Bk

7/2

8/6

71

(13235-36)

731

NWBT

7/19

8/23

105

(AR Fa)

732

C611A-Bk-6-3-2-Bk

7/7

8/7

84

Hv'd borders

8/22

(13407-09)

$\%$
W/T

lb/A

56.6/68.7

5433

42.4/70.0

4744

59.2/70.0

6733

63.3/69.7

6214

733

C611A-BK-17-1-4-BK

7/7

8/7

74

Hv'd borders

8/22

(13418-19)

poor exsection!

734

C611A-BK-42-2-2-3

7/2

8/6

74

(13506)

735

C611A-BK-49-2-3-5

7/7

8/9

76

Hv'd borders

8/22

(13518)

Very good

736

C611A-BK-67-2-2-2

7/8

8/9

75

Hv'd borders

8/22

(13572)

exsection?

0/0
W/T

16/A

55.7/11.1

7114

40.1/11.2

5397

51.4/11.5

6795

50.9/11.2

7001

737

C611A-1-2-4-3

7/8

8/12

86

Hv'd borders

8/22

(13609)

738

C611A-6-2-2-2

7/4

8/6

80

Hv'd borders

8/22

(13629)

739

BOND

7/1

8/6

93

(AR Fd)

740

C611A-31-2-2-4

7/8

8/12

80

Hv'd borders

8/22

(13713)

%
w/T

16/A

48.1/11.9

7520

58.6/10.5

6425

45.7/10.2

5479

50.4/12.4

7761

741

C611A-37-5-5-5

7/7

8/12

93

Hv'd borders

8/22

(13745)

742

C611A-52-3-5-4

7/8

8/12

79

Hv'd borders

8/22

(13827)

Early seqs

743

C611A-Bk₆-57

7/7

8/16

77

Hv'd borders

8/26

(13916)

exsertion?

leafy

744

B7710A2-Bk₂-120-3-Bk

7/8

8/9

77

(14919-21)

%
W/T

16/A

46.3/70.6

8270

52.8/71.8

7813

60.1/70.6

7371

63.0/71.6

6004

745

BT725A1-93-2-1-1

7/6

8/9

77

Hv'd borders

8/26

(15682)

Good; neat

gold

746

C667A-9-2-3-Bk

7/6

8/12

87

(15829-30)

747

C667A-26-5-5-Bk

7/2

8/6

76

(15877-78)



Excellent

grain too blunt?

748

C667A-36-2-1-Bk

7/3

8/6

77

Hv'd borders

8/26

(15894)

$\frac{\%}{w/T}$

16/A

47.6/71.2

6965

46.7/72.2

—

45.5/72.3

5757

62.0/71.4

6548

749

C667A-56-4-2-5

6/30

8/2

86

(15975)

750

C667A-Bk-38-1-5

7/1

8/2

76

(16207)

751

C667A-Bk-77-1-1

7/5

8/9

78

Hv'd borders

8/26

(16311)

752

C667A-Bk4-

6/30

8/2

70

(16429)

$\frac{\%}{w/T}$

16/A

64.8/11.0

4729

63.9/11.0

5469

50.6/12.0

6430

65.9/11.6

4729

753	C667A-Bk4-	6/30	8/2	84
	(16454)			
754	C622A-Bk-5-1-4-Bk	7/8	8/12	97
Hv'd borders 8/26	(16518-19)			
	very uniform			
755	C622A-Bk-17-1-4-1	7/6	8/16	101
☆	(16563)			
Hv'd borders 8/26	grain too large? very uniform slower pan. mat. Production?			
756	C622A-Bk-34-2-5-3	7/4	8/6	91
Hv'd borders 8/26	(16596)			

%
w/T

16/A

63.9/71.4

5130

55.1/71.0

6497

54.4/68.4

7926

46.5/71.1

6975

757

C622A-Bk-34-3-2-1

7/3

8/6

90

Hv'd borders

8/26

(16599)

758

C622A-Bk-49-2-5-Bk

7/4

8/9

97

Hv'd borders

8/26

(16632-33)

759

C622A-Bk-60-3-4-Bk

7/5

8/12

101

Hv'd borders

8/26

(16652-55)

760

C622A-Bk-84-3-4-3

7/2

8/6

91

Hv'd borders

8/26

(16684)

%
w/T

16/A

49.6/71.2

6538

56.8/9.6

6939

48.2/10.0

7504

45.6/71.4

6374

761

C622A-10-2-5-1

7/5

8/9

91

Hv'd borders
8/26

(16722)

762

C622A-14-1-4-2

7/4

8/6

97

(16749)

763

C622A-55-5-5-5

7/3

8/6

94

Hv'd borders
8/26

(16830)

764

C622A-

7/1

8/2

95

(16933)

%
w/T

16/A

61.8/11.2

7170

62.6/13.9

7098

52.4/11.4

6564

56.2/10.6

5983

SNP Group IV

Seeded 4/29

765	C610A-Bk-5-4-1-Bk	7/12	8/16	77
Hv'd borders				
8/26	(6801-05)			
	very good			
766	C610A-Bk-32-10-5-5	7/19	8/23	90
Hv'd borders				
9/6	(6918)			
	very good			
767	C610A-Bk-33-6-3-Bk	7/16	8/19	80
Hv'd borders				
8/28	(6919-23)			
	Excellent			
768	C610A-Bk-58-8-3-Bk	7/17	8/19	82
Hv'd borders				
8/28	(7023-25)			

%
W/T

16/A

60.2/10.6

6862

59.4/11.3

6852

62.2/11.0

6893

62.1/10.8

7145

769

TBNT

7/9

8/16

117

(AR Fd)

770

C610A-Bk-64-5-4-Bk

7/15

8/16

83

(7043-47)

771

C610A-Bk-66-1-3-Bk

7/14

8/16

83

(7048-52)

772

C610A-16-5-4-Bk

7/15

8/19

86

Hv's borders

8/28

(7184-87)

%
w/T

16/A

61.5/11.0

6934

65.6/11.8

6389

64.3/10.4

6358

55.8/10.9

7047

773	LBLE	7/8	8/12	109
	(Fa)			
774	C610A-21-8-2-Bk	7/16	8/19	83
225 pl	(7229-30)			
Hvd borders 9/6	Very good			
775	C610A-21-10-1-Bk	7/19	8/22	78
Hvd borders 9/6	(7239-43)			
	Excellent	UHM		
776	C610A-29-9-3-Bk	7/16	8/19	77
Hvd borders 8/28	(7286-90)			
	Very good			

$\frac{w}{T}$

16/A

62.9/71.0

5947

58.6/71.2

7504

55.9/71.3

7057

58.6/71.4

7283

777

C610A-35-8-5-Bk

7/16

8/19

82

(7332-36)

778

BOND

7/9

8/16

98

(AR Fd)

779

C610A-45-2-3-Bk

7/19

8/19

88

Hvd borders

9/6

(7363-67)

780

C610A-46-5-4-Bk

7/18

8/22

88

Hvd borders

9/6

(7379-82)

%
w/T

16/A

61.0/70.6

6697

55.8/69.4

6348

61.0/70.7

7083

60.8/71.3

7525

781

C610A-59-8-4-BK

7/16

8/19

87

Hv'd borders
8/28

(7433-37)

782

SRBT

7/16

8/22

121

(Fd)

Slow pour, mat.

783

C610A-61-4-5-BK

7/19

8/23

94

Hv'd borders
9/6

(7448-52)

784

C610A-65-1-5-BK

7/14

8/16

90

Hv'd borders
8/28

(7490-94)

%

w/T

16/A

59.0/10.8

6996

60.0/12.3

7217

58.7/11.1

7664

64.0/10.9

7160

785

C610A-68-2-4-BK

7/19

8/23

91

Hv'd borders

9/6

(7510-12)

786

C610A-80-8-3-2

7/21

8/26

89

Hv'd borders

9/6

(7546)

Excellent

787

C610A-98-2-4-BK

7/16

8/22

82

Hv'd borders

9/6

(7565-67)

Excellent

788

C610A-105-6-3-BK

7/16

8/19

75

Hv'd borders

8/28

(7610-14)

Excellent

$\frac{\%}{w/T}$

lb/A

60.5/12.5

7761

59.8/12.8

7823

59.3/12.3

7520

60.2/11.4

6985

789	C610A-Bk ₂ -5-1-Bk	7/16	8/22	80
Hv'd borders 9/6	(7680-84)			
	Excellent			
790	C610A-Bk ₂ -55-1-Bk	7/16	8/19	75
	(7756-59)			
	Excellent			
791	C610A-Bk ₂ -65-5-Bk	7/15	8/19	80
Hv'd borders 8/28	(7785-86)			
	Excellent			
792	LBNT	7/15	8/19	113
	(Fd)			

$\frac{0}{0}$
 $\frac{w}{T}$

16/A

58.8/10.7

6954

57.2/11.7

6687

61.0/11.9

6857

54.2/10.1

6723

793

C610A-Bk₂-102-1-Bk

7/16

8/19

75

(7843-47)

Excellent

794

C610A-Bk₂-111-1-Bk

7/15

8/19

75

Hv'd borders

8/28

(7864-66)

Very good

795

C610A-Bk₂-112-1-Bk

7/14

8/16

76

(7869-72)

796

C642A-6-4-1-Bk

7/12

8/16

75

Hv'd borders

8/28

(8611-15)

$\frac{w}{T}$

16/A

61.4/12.4

6667

56.1/12.2

6425

64.3/11.4

6384

67.0/11.4

6291

797

C642A-33-4-2-Bk

7/13

8/16

85

Hv'd borders

9/6

(8668-70)

very good

HF?

798

C642A-40-3-1-Bk

7/15

8/16

90

Hv'd borders

8/26

(8689-91)

UF

799

C642A-Bk-21-2-4

7/11

8/13

83

(8703)

800

C642A-Bk-53-1-Bk

7/14

8/16

84

(8732-34)

%
w/T

16/A

59.7/11.2

6975

63.5/12.0

6939

64.3/11.7

5546

62.9/12.0

7109

801

C642A-BK-61-4-BK

7/13

8/13

82

Hv'd borders

8/26

(8742-43)

802

NWRX

7/16

8/19

106

(Fd)

803

C642A-BK4-145

7/12

8/16

90

Hv'd borders

9/6

(8909)

thresh good

804

C642A-BK4-303

7/15

8/16

92

Hv'd borders

8/28

(9072)

Very good; meat

$\frac{\%}{w/T}$

lb/A

61.8/71.5

7638

50.4/67.4

6872

65.1/72.8

7345

61.8/71.5

6965

805

C609A-Bk-57-1-2-Bk

7/17

8/22

80

Hv'd borders

9/6

(9331-34)

thresh good

806

C609A-Bk-58-1-1-Bk

7/13

8/19

85

125 p/p

(9335-39)

Hv'd borders

9/6

Excellent

thresh good

807

C609A-Bk-64-4-2-Bk

7/13

8/16

82

(9341-42)

Hv'd borders

9/6

808

C609A-43-1-5-Bk

7/11

8/16

82

Hv'd borders

5/28

(9516-19)

Very good

%
w/T

lb/A

49.0/12.3

6857

56.2/11.3

7859

59.9/12.6

7098

64.6/11.5

7021

809	C609A-50-3-1-Bk	7/12	8/16	84
-----	-----------------	------	------	----

(9527-29)

810	C609A-52-5-2-5	7/17	8/16	84
-----	----------------	------	------	----

(9535)

811	C615A-48-10-3-Bk	7/14	8/16	80
-----	------------------	------	------	----

(10561-65)

812	C615A-	7/17	8/12	78
-----	--------	------	------	----

Hv'd borders

8/26

(10706-07)

$\%$

W/T

16/A

61.9/10.8

6363

62.8/11.4

6286

58.7/11.2

5551

62.2/11.4

6461

813

R08303169

7/16

8/19

76

(HR)

814

C615A-

7/16

8/19

80

(11125-29)

815

C623A-BK-19-5-3-BK

7/12

8/16

89

(12258-62)

816

C623A-BK-24-2-5-BK

7/13

8/16

94

Hv'd borders

sl26

(12268-72)

WTm

$\frac{\%}{W/T}$

16/A

57.0/69.8

7448

53.8/72.3

5896

62.0/71.2

6096

61.0/72.0

7165

817

C623A-Bk₂-126-2-1

7/11

8/16

84

(12539)

818

C623A-Bk₆-87

7/11

8/16

95

H/d borders

9/16

(12854)

819

C623A-Bk₆-132

7/12

8/16

103

(12900)

820

C623A-Bk₆-219

7/10

8/16

99

(12990)

$\frac{\%}{w/T}$

1b/A

56.2/12.0

6153

55.4/12.6

7109

56.0/12.2

5952

62.9/12.4

6708

821

C623A-Bk-326

7/8

8/13

96

(13100)

822

C634A-Bk-8-2-Bk

7/17

8/19

76

Hvd borders

9/6

(13112-13)

tall segs

Very clean leaves

Very good plant

823

C634A-Bk-28-5-4

7/11

8/16

77

(13135)

Very clean leaves

tall roques; roques
more variable

824

RU8303046

7/16

8/16

84

(HR)

%

W/T

lb/A

62.9/12.6

6374

57.0/12.0

6841

61.4/11.2

5973

61.6/69.8

6749

825

C634A-Bk-33-2-2

7/15

8/19

90

(13143)

Very clean leaves

826

C634A-Bk-58-2-4

7/17

8/22

78

(13207)

More tillers last
year, small pan?

827

C611A-Bk-20-2-1-Bk

7/13

8/16

75

Huld borders
9/6

(13429-30)

828

C611A-Bk-27-3-4-Bk

7/12

8/16

74

(13460-61)

$\frac{\%}{w/T}$

16/A

54.6/12.3

5813

53.0/10.6

6261

64.6/11.4

6934

58.7/12.6

6631

829

C611A-Bk-42-1-2-3

7/10

8/16

80

(13501)

830

C611A-Bk-54-5-1-Bk

7/14

8/16

80

(13526-28)

831

C611A-Bk-66-5-3-Bk

7/11

8/16

88

(13568-70)

832

C611A-Bk-67-5-1-3

7/11

8/16

84

(13579)

$\frac{\%}{W/T}$

lb/A

64.4/71.7

6728

63.8/71.6

6266

59.9/70.1

6554

61.2/71.4

6435

833	C611A-37-3-5-5	7/12	8/16?	90
Hv'd borders 8/26	(13740)			
	Leafy			
834	C611A-43-4-4-1	7/11	8/13	76
Hv'd borders 8/26	(13767)			
	Good leaf	YUF		
835	C611A-BK6-82	7/11	8/13	85
	(13942)			
836	C611A-BK6-90	7/7	8/7	89
	(13951)			
	Leafy			

%

w/T

lb/A

58.4/70.6

7499

61.9/72.0

7062

60.2/71.0

6533

61.0/72.2

5962

837

LMNT

7/18

8/19

82

(Fd)

838

C611A-BK₆-107

7/10

8/13

90

(13968)

poorer exsertion

839

C611A-BK₆-117

7/9

8/7

90

(13979)

leafy

840

C611A-BK₆-132

7/9

8/7

90

(13994)

leafy

$\frac{\%}{w/T}$

16/A

56.5/69.9

6312

57.0/71.2

6769

58.4/71.0

6312

62.4/72.4

5510

841

C611A-B_K-138

7/11

8/16

85

(14000)

Very deep; poor pen.
 some PB

842

B7710A2-B_K-52-1-B_K

7/16

8/19

81

(14829-31)

Very good
 Flaps too long?

UF
 gold

843

B7710A2-B_K-71

7/18

8/19

104

(15028)

N
 gold

844

B7710A2-B_K-179

7/14

8/16

81

(15139)

Excellent surf

%

W/T

lb/A

52.4/68.8

5109

62.4/72.3

6338

59.4/72.2

6512

65.0/73.8

6533

845

B7710A2-Bk₆-422

7/20

8/28

108

(15389)

canopy; too leafy

846

NWBT

7/24

8/30

114

(AR Fa)

847

B7725A1-Bk-13-2-1-Bk

7/11

8/16

77

(15427-28)

gold

848

B7725A1-17-1-2-3

7/13

8/26

77-86

(15528)

very long upright flag
slow pos. rest.

gold

%
w/T

16/A

48.2/13.6

6317

59.3/10.1

5068

61.8/13.1

6821

58.4/11.7

7556

849

BT725A1-26-3-5-2

7/13

8/16

85

(15566)

gold

850

BT725A1-70-3-2-2

7/11

8/16

75

(15655)

gold

851

BT725A1-76-1-2-3

7/12

8/16

83

(15668)

gold

852

BT725A1-Bky-

7/13

8/16

85

(15718)

gold

$\%$ w/T

1b/A

65.0/72.6

6939

61.6/73.0

5839

59.7/71.7

7319

67.2/73.6

6482

C641A = 9881/331581//7802098

C625A = SKBT/7802003

C642A = 9881/331581//7801007

C612A = 9881/331581//7402003

C623A = SKBT/7402003

C634A = LBLE/7802003

C614A = 9881/331581//7802003

C611A = 9881/331581//L201

C667A = SKBT//SSD/SSS

C622A = SKBT/L201

C610A = 9881/331581//SKBT

C609A = 9881/331581//7801067

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK

AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

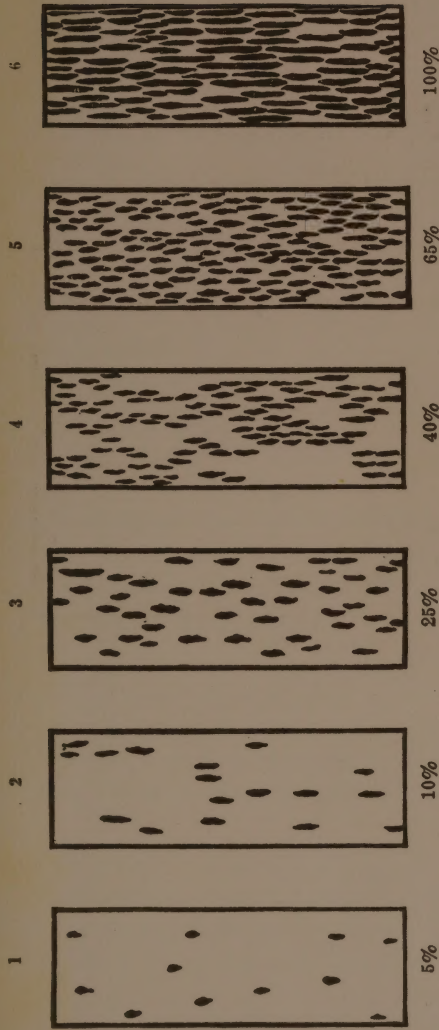
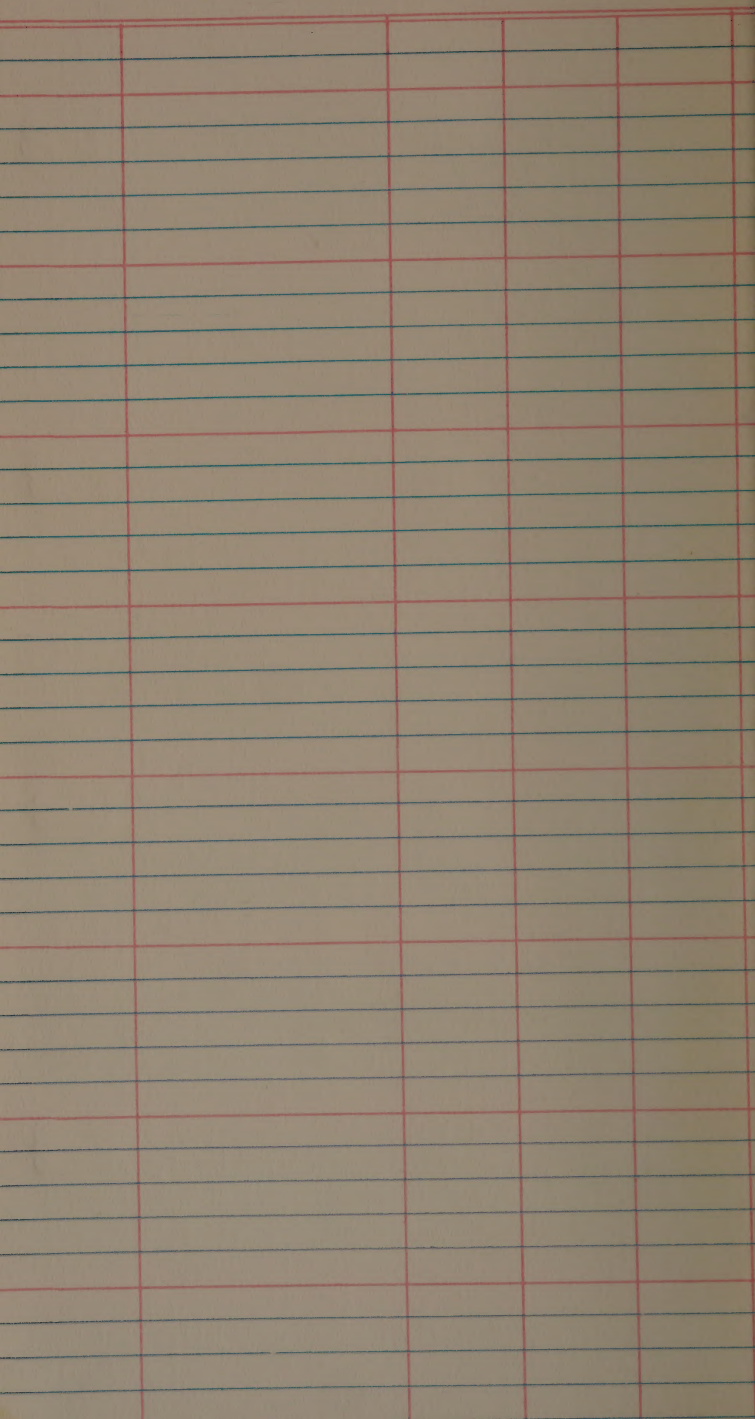
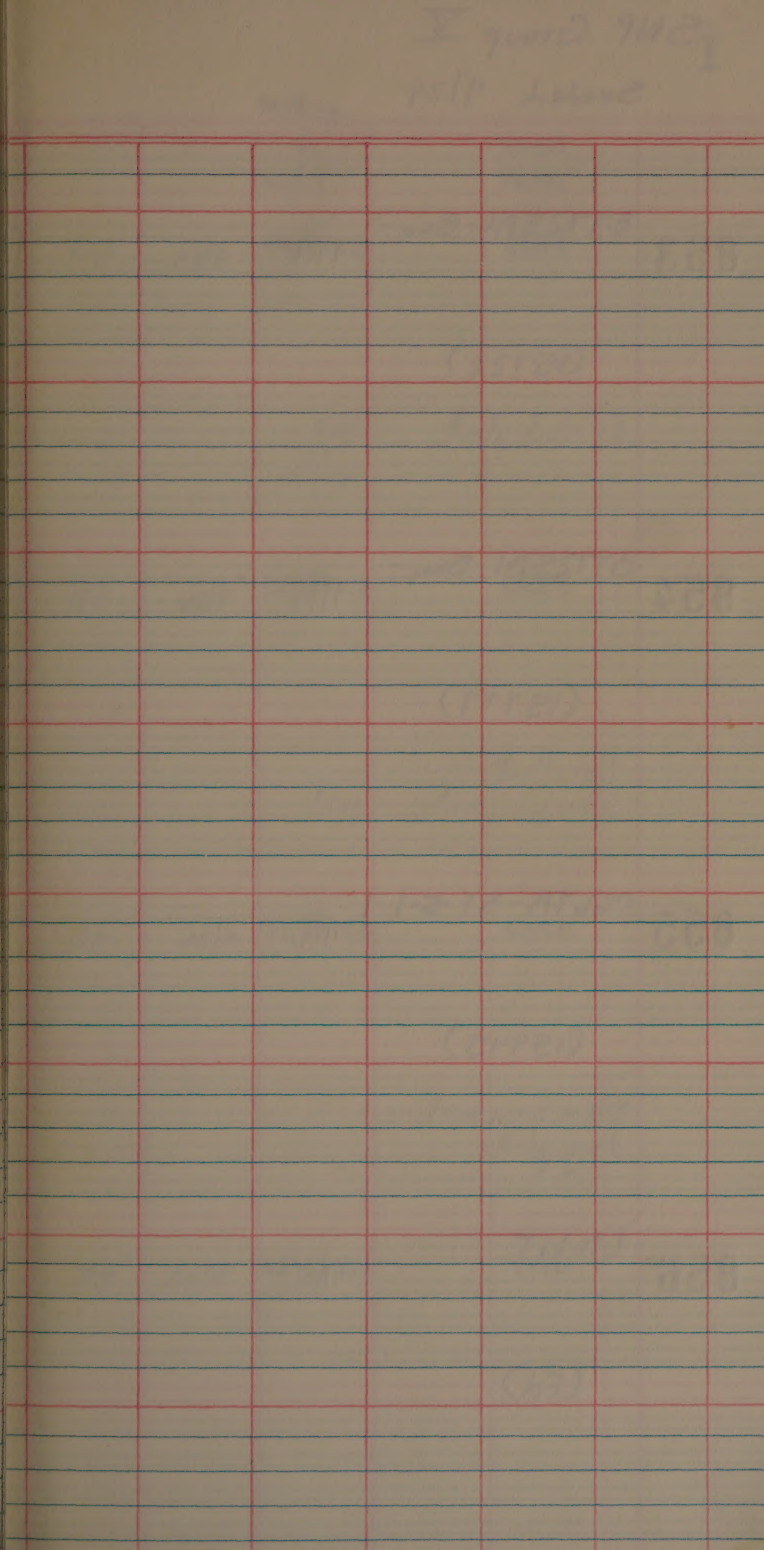


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





SNP Group V

Seeded 4/29

853

BT725A1-Bky-

7/15

8/23

84

(15722)

Excellent plant

VVF
gold

854

BT725A1-Bky-

7/19

8/26

83

(15777)

Excellent
Slow pan. mat.

gold

855

C667A-51-5-1-1

7/14

8/26

90

(15945)

Slow pan. mat.
Very good

856

LMNT

7/22

8/23

85

(Fd)

milling

o/o

Yield

w/T

lb/A

44.8/12.0

6944

51.2/12.2

6625

52.2/12.0

6050

61.4/71.1

7170

857

C667A-BK-67-5-4

7/16

8/23

95

(16299)

Slow pan. met.

858

C667A-BK4-

7/19

8/26

88

(16412)

Slow pan. met.

859

C667A-BK4-

7/17

8/23

110

(16452)

NM

UHM

860

RU8303046

7/22

8/23

94

(HR)

%
w/T

16/A

52.6/71.5

6384

56.8/72.8

6230

56.4/72.3

6111

58.5/68.2

6661

861

C667A-Bk4-

7/18

8/26

110

(16492)

Excellent normal

862

C622A-Bk-3-4-5-Bk

7/13

8/16

115

(16507-09)

NT

863

C622A-Bk-84-3-2-Bk

7/15

8/23

109

(16677-78)

864

C622A-Bk5-

7/12

8/16

104

(16860)

$\frac{\%}{w/T}$

16/A

57.0/72.2

6739

63.2/72.2

6636

52.5/72.3

7232

63.6/71.9

6805

865	C622A-	7/11	8/16	101
-----	--------	------	------	-----

(16946)

866	C610A-Bk-15-9-5-Bk	7/21	8/23	94
-----	--------------------	------	------	----

(6827-31)

867	RU8303169	7/19	8/23	80
-----	-----------	------	------	----

(HR)

868	C610A-Bk-16-1-1-Bk	7/21	8/23	89
-----	--------------------	------	------	----

Hv'd borders
9/9

(6832-36)

Excellent
Nest

UHM

%
w/t

lb/A

61.5/12.3

7001

62.5/11.4

6528

57.8/10.4

7746

62.4/12.4

7761

869

CG10A-Bk-24-6-2-Bk

7/19

8/23

81

(6901-03)

870

CG10A-Bk-46-5-2-Bk

7/19

8/23

88

Hv'd borders

9/9

(6966-70)

very good

VHM

871

RU8403113

7/8

8/16

98

(113)

872

CG10A-Bk-52-5-4-Bk

7/19

8/22

92

Hv'd borders

9/9

(7008-11)

$\frac{\%}{w/T}$

16/A

63.3/12.8

7021

62.0/12.0

7515

62.5/10.8

7427

61.0/12.0

7227

873

C610A-19-3-2-Bk

7/19

8/22

87

225 p/p

(7199-7200)

Hv'd borders

9/9

874

C610A-29-8-4-2

7/16

8/19

82

Hv'd borders

9/9

(7282)

Very good

875

C610A-100-2-3-Bk

7/20

8/23

81

(7578-80)

876

C610A-109-1-4-Bk

7/23

8/30

92

(7624-27)

%

w/T

16/A

60.6/71.7

7468

60.6/72.6

7196

62.6/72.5

6240

61.0/71.5

6723

877

C610A-III-8-2-BK

7/24

8/30

91

(7647-51)

878

C610A-BK₂-6-3-BK

7/26

8/30

93

(7685-89)

879

C610A-BK₂-14-1-1

7/27

8/30

90

(7696)

880

C610A-BK₂-67-4-BK

7/27

8/30

90

(7790-92)

%
w/T

16/A

60.8/72.2

6394

61.4/71.7

6260

58.4/70.6

5911

61.6/70.7

5885

881

C610A-Bk-37-3-Bk

7/26

8/28

93

(7943-45)

882

C610A-

7/27

8/30

95

(7967-69)

Post stand!

883

C610A-Bk-85-1-Bk

7/24

8/28

94

(7976-78)

884

C642A-1-4-2-Bk

7/20

8/23

100

(8602-05)

Rather leafy

N

%
w/T

16/A

70.6/72.0

6060

60.0/71.2

5207

61.1/72.0

6620

60.1/72.2

6440

885

RU8403144

7/23

8/28

95

(144)

886

C642A-22-1-5-1

7/20

8/23

106

(8632)

887

C642A-Bk-29-5-Bk

7/21

8/23

102

(8706-08)

888

C642A-Bk-46-3-Bk

7/22

8/30

90

(8709-10)

Very long flaps;
poor

$\frac{\%}{w/T}$

lb/A

57.5/70.0

6646

63.2/73.4

5968

57.2/71.2

6584

59.7/71.4

6312

889

C642A-Bk-62-3-Bk

7/23

8/28

89

(8748-49)

890

C642A-Bky-79

7/21

8/23

97

Hv'd borders

9/9

(8841)

better for this X

891

C642A-Bky-208

7/17

8/19

93

Hv'd borders

9/9

(8974)

very good

892

C609A-3-4-3-Bk

7/19

8/22

93

(9407-11)

$\frac{\%}{w/T}$

lb/A

63.9/13.4

6389

63.1/13.0

6440

62.4/12.0

6816

64.1/12.3

6934

893

C609A-16-4-2-Bk

7/17

8/19

82

(9439-42)

Very good

894

C609A-27-3-1-Bk

7/15

8/19

80

Hv'd borders

9/9

(9475-79)

Very good

895

C609A-27-3-3-Bk

7/14

8/19

82

225 p/p

(9481-83)

Hv'd borders

9/9

896

C609A-64-4-5-2

7/12

8/19

77

(9563)

%
w/T

16/A

64.0/12.3

7011

61.9/13.0

6954

65.0/12.2

7859

57.4/11.8

6322

897

C615A-Bk₂-139-3-Bk

7/22

8/28

84

(10891-95)

poss found

898

C623A-Bk-8-2-2-Bk

7/16

8/23

104

(12217-19)

Slow grow. mat.
Neat normal

N

899

C623A-Bk₆-202

7/17

8/23

107

(12972)

Slow grow. mat.

N

900

C611A-Bk-30-2-1-Bk

7/23

8/23

88

(13487-88)

%
w/T

lb/A

60.7/73.0

4924

55.0/73.1

6821

53.7/72.3

6240

59.8/73.4

6554

901

BLMT

7/21

81

(Fd)

Bad soil area; no
stand!

902

C611A-27-5-2-2

7/23

8/28

92

(13691)

903

C611A-Bk₆-10

7/18

8/19

91

(13869)

904

C611A-Bk₆-29

7/17

8/19

94

(13888)

PB

Lofty

%
w/T

16/A

—

—

52.8/12.0

5479

64.2/13.0

6271

60.6/11.6

5818

905

C611A-Bk₆-96

7/16

8/16

90

(13957)

PB

906

C611A-Bk₆-124

7/16

8/16

90

(13986)

PB

907

BT710A2-B_x-24-2-4-3

7/26

8/28

91

(14660)

VUF

908

BT710A2-B_x-38-1-2

7/21

8/23

90

(14807)

%

w/T

lb/A

63.8/12.5

5813

63.0/11.8

6101

50.8/9.9

5248

60.6/12.2

7078

909

B7710A2-Bk₂-78-2-1

7/21

8/23

81

(14871)

Leafy

910

B7710A2-Bk₂-139-4-3

7/22

8/23

87

(14943)

Long wide flaps; leafy

911

B7710A2-Bk₆-41

7/21

8/23

101

(14997)

Tall early roques
Orange leaves 7/3

912

LEAH

7/21

8/23

100

(35)

Orange leaves 7/3

%

w/T

lb/A

56.2/73.4

6846

61.1/72.2

6507

48.0/73.7

6271

40.2/70.6

6189

913

B7710A2-BK₆-114

7/21

8/23

102

(15072)

Orange leaves 7/3

914

B7710A2-BK₆-126

7/21

8/23

102

(15085)

Orange leaves 7/3

915

B7710A2-BK₆-161

7/20

8/23

103

(15120)

Some off-types

Orange leaves 7/3

916

B7710A2-BK₆-166

7/17

8/23

106

(15126)

N

%
w/T

16/A

46.2/73.0

6476

50.2/73.4

5253

50.4/72.4

6512

46.4/72.2

6908

917

B7710A2-BK₆-285

7/20

8/22

106

(15247)

918

B7710A2-BK₆-305

7/17

8/16

85

(15268)

Excellent plant

VUF
gold
UHM
DT

919

B7725A1-BK-14-3-3-4

7/23

8/30

92

(15437)

Leafy normal

920

B7725A1-BK-28-3-2-3

7/20

8/28

81

(15466)

Leafy normal

$\frac{\%}{w/T}$

lb/A

49.8/11.8

7504

51.0/14.1

7263

57.2/12.0

6250

56.2/12.6

5731

921

B7725A1-171-3-2

7/24

8/30

99

(15532)

Safety

922

C667A-Bky-

7/18

8/26

90

(16414)

923

C667A-Bky

7/18

8/26

90

(16444)

924

C622A-

7/13

8/16

99

(16958)

%
w/T

16/A

56.6/71.4

6790

56.0/72.0

5484

48.1/71.0

5659

63.1/73.6

6877

925

RU8303181

X

96

(HR)

No stand & Stunted
plants.

926

C622A-

7/17

8/19

106

H/d borders

9/9

(16999)

927

B8131A4-BK-59-3

7/23

8/28

85

(2711)

some H. var.

928

B8131A4-BK-66-1

7/19

8/26

110

(2725)

$\frac{\%}{w/T}$

16/A

—

—

55.4/73.9

7211

52.7/70.4

4569

52.0/72.0

6307

929

B8131A4-Bk-75-2

7/26

8/28

92

(2746)

poor stand!
Good plant.

UF

930

B8131A4-Bk-141-1

7/20

8/26

81

(2837)

931

B8131A4-Bk-141-3

7/16

8/19

80

(2870)

932

B8131A4-Bk-153-2

7/20

8/26

87

(2891)

%
w/T

lb/A

44.4/12.5

5243

47.7/11.7

6127

47.3/12.8

5680

55.8/13.2

6554

933

CG10A-

7/21

8/26

85

(7915-17)

934

BBLE

7/17

8/26

112

(353)

935

CG42A-31-5-2-BK

7/17

8/19

87

(8665-67)

Excellent

936

CG42A-BK4-6

7/20

8/22

91

H/d borders
9/9

(8766)

Excellent

UF

%
w/T

16/A

61.8/13.4

6440

40%

45.6/10.6

5824

48.1/14.2

6389

63.1/12.1

6898

937

C615A-Bk-77-10-1-Bk

7/17

8/19

83

(10317-21)

Flaps too loose?

938

C615A-Bk₂-116-3-Bk

7/16

8/16

80

(10866-68)

Excellent

VUF₅

939

C615A-Bk

7/21

8/26

92

(10921-25)

940

C612A-Bk-21-5-5-Bk

7/11

8/16

98

(11233-37)

N

$\frac{\%}{w/T}$

lb/A

49.0/13.0

6471

65.0/13.8

6600

58.5/12.2

7191

59.0/11.0

6363

SNP Block VI

Seeded 4/29

941

C611A-BK-26-2-3-BK

7/19

8/16

82

(13444)

942

C611A-BK₆-89

7/12

8/19

86

(13949)

PB

post panels

943

B7710A2-BK-29-3-3-BK

7/20

8/22

84

(14688-90)

gold

VUF

944

B7710A2-BK-36-3-5-1

7/19

8/19

81

(14704)

%
w/T

16/A

6589

A 63.4/72.0
B 52.6/10.4

4641

50.4/73.1

6194

39.8/73.0

5608

945

NWBT

7/22

8/28

109

(AR Fd)

946

B7710A2-Bk-39-1-3-4

7/22

8/26

84

(14722)

gold

947

B7710A2-Bk₂-10-4-3

7/18

8/22

85

(14753)

Leafy

948

B7710A2-Bk₂-13-5-4

7/18

8/22

80

(14772)

Leafy

%
w/T

16/A

59.8/10.2

5675

41.6/13.6

-

52.7/13.1

6512

55.4/13.4

6471

949

BT710A2-B₅2-41-2-BK

7/18

8/22

76

(14816-17)

Excellent plant

gold

950

BT710A2-B₅2-69-1-1

7/20

8/22

73

(14859)

951

BT710A2-B₅6-106

7/19

8/19

78

(15064)

too leafy?

952

CB 801

7/25

8/28

82

H/d borders

9/9

(CB)

Early taller segs

Rooted

%
w/T

1b/A

39.4/13.8

6523

58.6/12.8

6168

51.4/13.6

5546

45.0/10.3

5438

953

B7710A2-Bk-262

7/16

8/19

78

(15224)

gold

954

B7725A1-Bk-7-3-3-3

7/18

8/26

85

(15407)

gold

955

B7725A1-Bk-44-3-4-1

7/15

8/19

87

(15438)

gold

956

B7725A1-49-2-4-2

7/15

8/19

84

(15608)

gold

%
w/T

16/A

50.2/13.1

5592

32.8/13.0

6687

46.6/12.5

6127

44.6/13.0

5860

957

B7725A1-Bky-

7/19

8/22

84

(15719)

gold

958

LMNT

7/19

8/19

82

(Fd)

959

B7725A1-Bky-

7/16

8/19

83

(15747)

gold

960

B7725A1-Bky-

7/16

8/19

83

(15769)

gold

%

w/T

lb/A

47.2/12.8

6512

60.2/11.0

6045

39.5/11.5

5890

44.4/13.1

6898

961

CB22A-

7/13

8/16

87

(16972)

962

7/13

8/16

77

(17021)

963

7/14

8/16

72

(17078)

964

7/16

8/19

75

(17144)

$\%$ w/T

16/A

56.9/73.1

4965

47.2/71.5

6816

54.4/71.4

6019

56.1/73.4

6266

965

BT810A1-BK-73-4-4-2

7/16

8/19

80

(17176)

966

SKBT

7/14

8/19

112

(Fd)

967

7/18

8/19

79

(17178)

968

BT810A1-BK-93-4-1-4

7/17

8/19

75

(17234)

$\%$ ω/T $16/A$

56.9/73.4

6214

58.2/69.9

6651

49.5/71.8

5690

57.1/72.0

5942

969

BT810A1-Bk-109-4-1-2

7/19

8/19

69

(17257)

970

7/15

8/19

80

(17331)

971

7/14

8/16

72

(17581)

972

RU8303169

7/16

8/19

79

(HR)

%
W/T

16/A

58.2/12.6

6446

54.6/13.6

5957

56.4/13.4

5726

50.5/68.7

6965

973

7/16

8/16

80

(17585-86)

974

7/15

8/16

77

(17588)

975

7/12

8/13

74

(17593)

976

7/17

8/14

76

(17654)

%
w/T

16/A

54.1/12.6

6235

55.7/13.8

6045

59.1/13.6

6189

44.0/12.4

5171

977

LBLE

7/6

8/8

100

(Fa)

978

7/14

8/16

76

(17686)

poor panicles

979

7/14

8/16

78

(17763)

980

7/15

8/16

77

(17826)

981

RU8303046

7/15

8/16

81

(HR)

982

B8131A4-Bk-44-1

7/24

8/26

81

(2694)

983

B8131A4-Bk-68-3

7/16

8/19

77

(2732)

984

B8131A4-Bk-74-4

7/23

8/26

99

(2743)

Very large

WT_m

N

%
w/T

16/A

59.3/69.1

5767

42.1/71.4

6476

15.8/72.0

4420

52.5/72.6

5726

985

B8131A4-BK-99-1

7/19

8/26

88

(2787)

Two leafy!
Producers?

986

B8131A4-BK-177-4

7/20

8/22

75

(2939)

987

B8131A4-BK-179-2

7/23

8/26

76

(2942)

988

B8131A4-BK-187-BK

7/12

8/13

78

(2962-63)

%
w/T

lb/A

42.8/71.4

6075

44.7/70.4

5443

55.6/73.0

6507

61.9/73.2

6070

989

C615A-Bk-27-6-4-Bk

7/23

8/26

85

(10184-88)

990

C615A-Bk-76-3-1-Bk

7/8

8/9

74

(10302-06)

Good plant but
fine panicle

991

C615A-13-5-5-Bk

7/21

8/22

83

(10359-63)

992

BOND

7/9

8/16

93

(AR Fd)

%
w/T

16/A

60.2/12.0

6728

69.5/13.0

5793

57.7/12.9

6070

55.2/69.4

5711

993

C615A-24-2-3-B*

7/23

8/26

82

(10411-15)

994

C615A-63-7-3-B*

7/24

8/26

85

(10607-11)

995

C615A-79-7-1-B*

7/22

8/26

83

(10660-63)

996

C615A-96-9-5-B*

7/23

8/26

81

(10747-49)

%
w/T

16/A

50.4/72.0

6019

59.2/73.4

5361

44.2/69.7

5885

51.4/71.6

5664

997	STBN	7/29	9/3	
	(76)			
	Early segs			
998	CG15A-Bk ₂ -57-4-Bk	7/23	8/26	85
	(10798-99)			
999	CG15A-Bk ₂ -108-2-Bk	7/24	8/26	79
	(10851-53)			
1000	CG15A-Bk ₂ -113-3-Bk	7/24	8/26	61
	(10861-63)			
		D/S		

%
w/T

lb/A

0

46.7/64.8

3105

53.2/70.0

5952

42.3/69.8

5284

36.8/72.8

4749

1001

7/22

8/22

86

(1073)

1002

7/13

9/9

87

(1077)

very slow par. ret. sgt

1003

LBNT

7/16

8/16

115

(Fd)

1004

BT921A1-BK5-11

7/13

8/19

82

(19236)

%
w/T

16/A

56.9/70.2

4410

51.0/69.6

6857

49.8/67.8

5633

61.9/69.9

5104

1005

B7921A1-Bk5-19-

7/8

8/8

75

(19244)

1006

B7921A1-Bk5-30-

7/13

8/13

76

(19256)

1007

B7921A1-Bk5-34-

7/7

8/8

89

(19260)

1008

B7921A1-Bk5-48-

7/8

8/8

92

(19274)

%

w/T

lb/A

66.0/69.9

4318

64.1/71.2

4919

66.4/70.6

5592

66.2/70.6

5531

1009

B7921A1-BK5-54

7/9

8/16

76

(19281)

1010

B7921A1-BK5-60

7/14

8/16

89

(19287)

1011

B7921A1-BK5-87

7/11

8/9

88

(19314)

Leafy ; PB

1012

RICO 1

7/18

8/30

113

(BR)

%
w/T

16/A

61.8/71.8

6255

62.7/71.8

5094

51.4/71.0

4790

10

57.8/69.4

5479

1013

B7921A1-BK5-103-

7/8

8/8

89

(19331)

1014

B7921A1-BK5-111-

7/9

8/8

81

(19339)

late tillers

1015

B7921A1-BK5-172

7/10

8/8

83

(19402)

1016

BRAZ

7/17

8/28

115

(Fd)

%
w/T

16/A

66.2/10.4

5824

58.6/11.9

5166

64.8/11.4

5017

60

60.4/10.4

5125

1017

B7921A1-Bks-177-

7/16

8/16

83

(19407)

1018

B7921A1-Bks-197-

7/15

8/16

81

(19428)

1019

B7921A1-Bks-206-

7/9

8/8

80

(19437)

more PB!

1020

B7921A1-Bks-226-

7/13

8/13

84

(19458)

Severe PB!

%
w/T

lb/A

54.2/68.0

3999

59.8/71.2

5012

64.8/70.1

4883

59.8/69.8

4220

1021	MARS	7/18	8/28	107
------	------	------	------	-----

(33)

1022	B7921A1-BK5-246-	7/12	8/9	74
------	------------------	------	-----	----

(19479)

late fillers
Neat

1023	B7921A1-BK5-271-	7/12	8/9	78
------	------------------	------	-----	----

(19504)

lenty; PB

1024	B7921A1-BK5-281-	7/16	8/16	87
------	------------------	------	------	----

(19514)

%
w/T

1b/A

50.7/68.7

5613

60.0/69.5

4976

64.0/72.0

4862

55.4/70.6

5680

1025

B7921A1-Bk5-294-

7/9

8/9

80

(19527)

late tillers
leafy

1026

B7921A1-Bk5-384-

7/14

8/13

89

(19619)

1027

B7921A1-Bk5-301-

7/10

8/9

98

(19534)

1028

B7921A1-Bk5-375-

7/12

8/9

80

(19610)

%

w/T

16/A

58.6/69.8

4883

65.2/70.8

5073

65.4/71.6

5721

64.1/70.6

4194

Seeded: 5/16/85

SNP VII

1029

C609A-Bk-5-4-Bk

8/4

9/9

86

(9211-15)

Poor plot because of
large ditch!

Very good!

1030

C609A-Bk-8-2-2-Bk

7/29

8/30

80

(9219-20)

Excellent

1031

C609A-Bk-42-3-2-Bk

7/29

8/30

76

(9301-03)

Excellent

1032

C609A-5-2-2-1

7/30

8/30

85

(9412)

Excellent

%
w/T

16/A

58.2/11.0

5243

54.8/12.8

5993

55.2/13.4

5685

64.1/13.0

6559

1033

C609A-17-4-5-Bk

7/30

8/30

86

(9444-45)

Excellent

1034

C609A-22-14-Bk

8/1

9/3

90

(9449-51)

1035

C609A-59-1-4-5

7/29

8/30

88

(9556)

1036

C609A-77-5-3-Bk

7/29

8/29

83

(9598-9600)

Very good; nest
uniform

%
w/T

16/A

60.6/12.3

6667

54.6/12.0

6723

60.4/13.4

6348

61.4/12.3

5705

1037

C609A-94-1-5-BK

8/1

9/3

86

(9657-59)

1038

BTT4A2-BK-218

-3-3-3-3

7/31

9/9

84

(524)

Many tall segs.

1039

BTT4A2-BK₂-149

-4-BK

8/2

9/9

78

(528)

Near barrow ditch;
poor stand

1040

BTT4A2-BK₂-197

-BK-4-BK

7/28

8/29

73

(530)

%
w/T

16/A

56.8/72.0

6127

52.1/71.4

4600

53.6/71.4

5932

60.7/73.0

5006

1041

BT6TA2-22-2-5

-3-2

7/31

8/30

72



(542)

Excellent

More fillers?

1042

BT6TA2-41-1-3

-1

7/27

8/29

102

(544)

1043

BT6TA2-62-5-3

-Bk-3-2-2-Bk

7/27

8/30

76

(557)

Excellent plant

Very uniform

1044

BT6TA2-64-2-1

-3-2-2-Bk

7/25

8/29

103

(558)

%
w/T

16/A

63.2/12.0

6338

60.1/10.4

6446

63.8/13.1

5448

54.6/12.0

6019

1045	BT67A2-70-5-3 -Bk-3-Bk	7/29	8/29	77
	(562)			
	Excellent plant			
1046	BT67A2-74-9-2 -2-2-29/30	7/29	8/29	93
	(563)			
	Good normal			
1047	BT67A3-79-2-Bk -2-2	8/1	9/3	94
	(573)			
	Discard!			
	Highly variable			
1048	BT74A2-Bk-92-3 -4-2-Bk	7/30	8/30	91
	(1207)			
	tall roques "roques"			

%
w/T

16/A

62.3/71.8

5664

64.0/71.7

6101

50.6/69.7

5402

60.9/72.6

6009

1049

BT67A2-7-2-Bk

-1-3-3-Bk

7/25

8/29

92

(1217)

1050

BT67A2-37-1-2

-2-1-3-Bk

7/28

9/3

92

(1223)

Near levee ditch;
poor stand.

1051

BT67A2-40-7-1

-3-1-4

7/29

8/30

73

(1225)

Contains niptun

1052

BT67A2-54-1-2

-2-2-Bk

7/30

8/30

104

(1226)

%
w/T

16 / A

55.8 / 10.0

5412

48.4 / 67.8

4575

57.6 / 11.8

5119

38.6 / 10.0

6492

1053	BT67A2-62-2-5 -3-2-3-BK	7/30	8/30	74
------	----------------------------	------	------	----

(1229)

Excellent plant

1054	BT67A2-70-2-4 -1-1-2-2-BK	7/29	8/29	80
------	------------------------------	------	------	----

(1230)

1055	BT67A2-95-10-3 -1-1-4	7/27	8/29	89
------	--------------------------	------	------	----

(1232)

1056		7/30	9/3	86
------	--	------	-----	----

(312)

%
w/T

16/A

64.8/71.5

5752

61.4/70.7

6744

58.6/71.0

6795

39.6/72.6

5608

1057

RUT801067

7/27

8/29

111

(4970)

Veg. tall; tall at mat.
HF; A₁A₂;

1058

RUT802003

7/30

9/3

97

(4968)

Dark green leaves;
poor pin; misshapen
grains; poor; VUF;
flag sentences!

1059

RUT402003

7/26

8/29

96

(4964)

1060

RUT703008

8/1

9/3

82

(3627)

Very good def; VUF VUF
Stems long; A₁A₂

%
w/T

16/A

57.4/69.9

6435

51.0/71.2

5875

51.3/72.6

6127

56.8/71.6

5803

1061

RU7701074

8/5

9/17

104

(10152)

Near levee ditch;
 poor stand; N_m;
 HF_L; low pan.; apap

1062

RU7801007

7/25

8/29

109

(4969)

1063

SSD/SSS

8/11

9/19

101

(4973)

late; very leafy; AF_L
 ApAp; dense pan;
 slow pan. mat.

1064

RU8303169

7/29

8/30

80

(HR)

%
w/T

16/A

51.3/73.6

7196

58.2/71.0

6209

52.8/69.4

4009

55.0/69.1

7443

1065	RU8303046	7/30	8/30	81
	(HR)			
1066	LMNT	8/2	9/3	79
	(Fa)			
1067	NWBT	8/8	9/17	114
	(AR Fa)			
1068	TBNT	7/26	9/3	122
	(AR Fa)			

%
w/T

16/A

60.2/10.2

6615

56.6/10.6

6312

59.0/11.0

5217

56.4/11.5

6379

1069

LBNT

8/1

9/3

114

(HR)

1070

SKBT

7/30

9/3

112

(HR)

1071

BOND

7/25

9/3

97

(14)

1072

LBLE

7/28

9/3

114

(HR)

Near large ditch;
poor stand.

%

w/T

16/A

51.3/69.9

6564

55.2/70.5

6692

39.7/69.7

6394

58.5/69.6

6579

SNP VIII

Seeded 6/7/85

1073

BS131A4-BK₂-194-3

8/13

9/19

104

(67)

(104)

(PR 9159)

1074

BS131A4-BK₂-64-1

8/19

9/19

109

(73)

(104)

(PR 9030)

leaves normal

1075

BS131A4-BK-187-3-1

8/11

9/19

86

(65)

(104)

(PR 8921)

1076

LMNT

8/20

9/25

89

(74)

(110)

(HR)

%

w/T

lb/A

51.8/71.8

5813

53.6/72.0

4523

52.7/73.1

5474

58.9/70.4

5942

1077

RV 8303046

8/16
(70)

9/19
(104)

94

(HR)

1078

B8131A4-Bk-40-4-3

8/20
(74)

9/19
(104)

80

(PR 8754)

1079

B8131A4-Bk₂-365-1

8/16
(70)

9/19
(104)

112

(PR 9290)

1080

B8131A4-Bk₂-358-2

8/13
(67)

9/19
(104)

118

(PR 9285)

%
w/T

lb/A

58.7/10.3

5279

64.0/13.4

5387

54.5/11.4

6214

49.8/13.9

5947

1081

B8131A4-Bk₂-218-2

8/12

9/19

121

(66)

(104)

(PR9180)

tall; leafy

1082

B8131A4-Bk₂-162-1

8/14

9/17

122

(68)

(102)

(PR9129)

1083

RU8303169

8/15

9/19

85

(69)

(104)

(HR)

1084

B8131A4-Bk-187-1-2

8/10

9/19

85

(64)

(104)

(PR8919)

$\frac{\%}{w/T}$

16/A

54.2/71.0

5027

60.0/71.6

3840

51.6/68.7

5731

50.5/74.0

5083

1085

B8131A4-BK-141-1-1

8/13

9/19

83

(67)

(104)

(PR 8854)

1086

B8131A4-BK-111-3-2

8/13

9/19

111

(67)

(104)

(PR 8842)

1087

B8131A4-BK-53-3-1

8/21

9/19

77

(75)

(104)

(PR 8764)

1088

B8130A5-BK-38-1-3

8/14

9/19

109

(68)

(104)

(PR 9357)

%
w/T

16/A

55.1/11.4

5531

53.4/11.2

5212

55.4/13.0

5099

55.3/11.7

5798

1089

B8131A4-Bk₂-373-18/12
(66)9/19
(104)

111

(PR 9299)

1090

CB-801

8/26
(80)9/25
(110)

86

Hv'd
border

(BR Nur)

Many tall segs!
Rogued thoroughly!

1091

B8131A4-Bk₂-253-28/12
(66)9/19
(104)

124

(PR 9204)

tall

1092

B8131A4-Bk₂-158-38/15
(69)9/19
(104)

112

(PR 9128)

%
w/T

16/A

54.2/12.8

5505

53.9/69.6

4035

54.5/72.6

5464

48.6/73.0

4251

1093

B8131A4-Bk₂-101-3

8/14

9/19

97

(68)

(104)

(PR 9066)

date, full reg.

1094

RV8403113

8/19

9/19

103

(63)

(104)

(113)

1095

B8131A4-Bk-134-1-1

8/14

9/19

93

(68)

(104)

(PR 8869)

1096

B8131A4-Bk-99-5-1

8/13

9/19

93

(67)

(104)

(PR 8826)

%
w/T

1b/A

38.8/69.6

4220

54.7/70.8

4991

45.6/73.0

5217

46.8/71.8

5078

1097

B8131A4-Bk-68-3-3

8/21

9/19

92

(75)

(104)

(PR 8782)

better dwarf, VUF₅

1098

B8131A4-Bk₂-347-1

8/9

9/17

126

(65)

(102)

(PR 9274)

tall normal

1099

B8131A4-Bk₂-379-2

8/10

9/17

128

(64)

(102)

(PR 9306)

tall normal

1100

RU8403144

8/14

9/19

94

(68)

(104)

(144)

Identity?

10080 link CR801

225 p/p

%

w/T

lb/A

45.7/72.3

5618

46.7/75.5

5212

49.0/75.0

5094

46.9/70.2

5690

1116

B8131A4-Bk₂-327-18/15
(69)9/19
(104)

113

(PR 9253)

Very deep

1117

B8131A4-Bk₂-137-38/14
(68)9/19
(104)

106

(PR 9103)

1118

B8131A4-Bk₂-108-38/15
(69)9/19
(104)

110

(PR 9072)

1119

B8131A4-Bk-141-3-1

8/14
(68)9/19
(104)

84

(PR 8879)

Very uniform def

0/0
w/T

161A

51.2/11.8

4189

54.6/13.8

5582

57.6/13.4

5438

51.6/10.9

5083

1120

L-202

8/11
(65)9/19
(104)

92

(119)

1121

B8131A4-BK-75-5-2

8/20
(74)9/19
(104)

88

(PR 8799)

1122

B8131A4-BK-72-1-2

8/22
(76)9/19
(104)

89

(PR 8784)

*Very leafy;
poor specimen*

%
w/T

1b/A

46.9/69.5

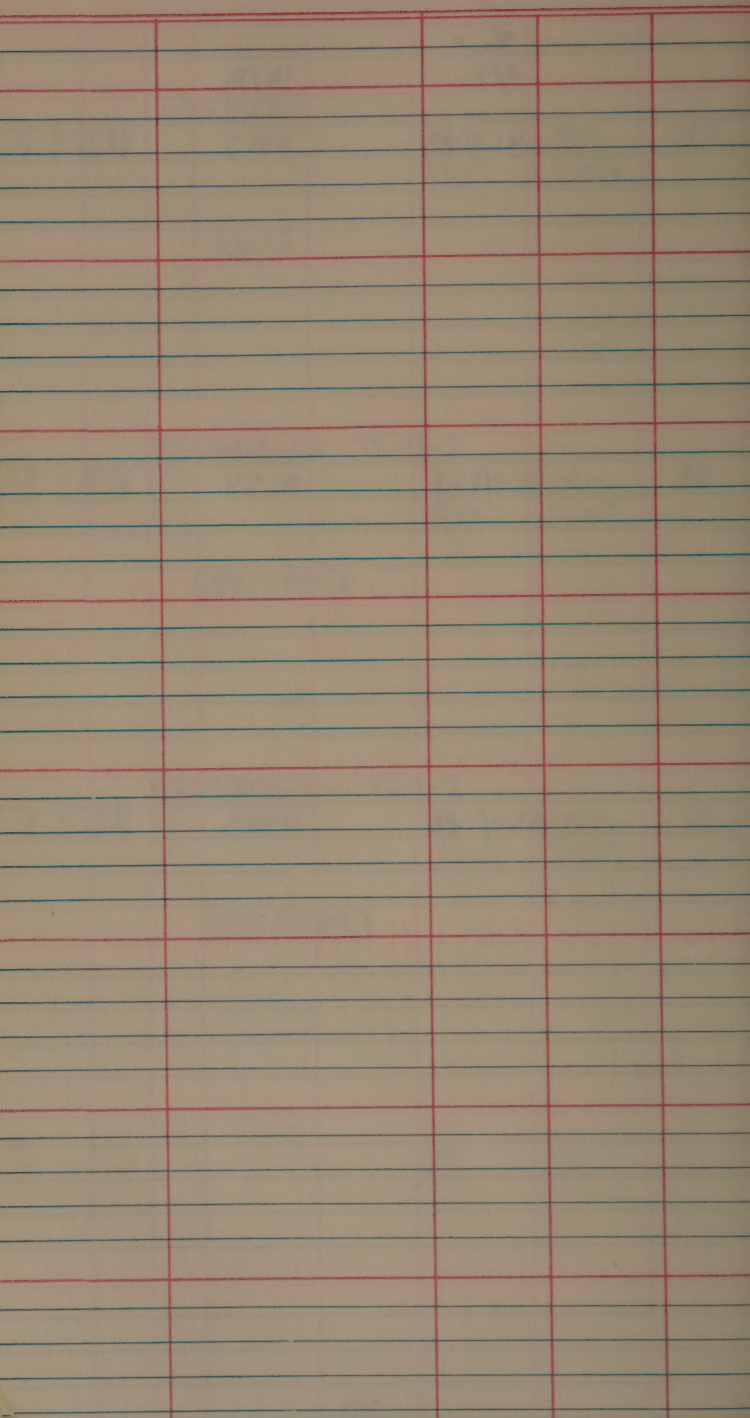
5962

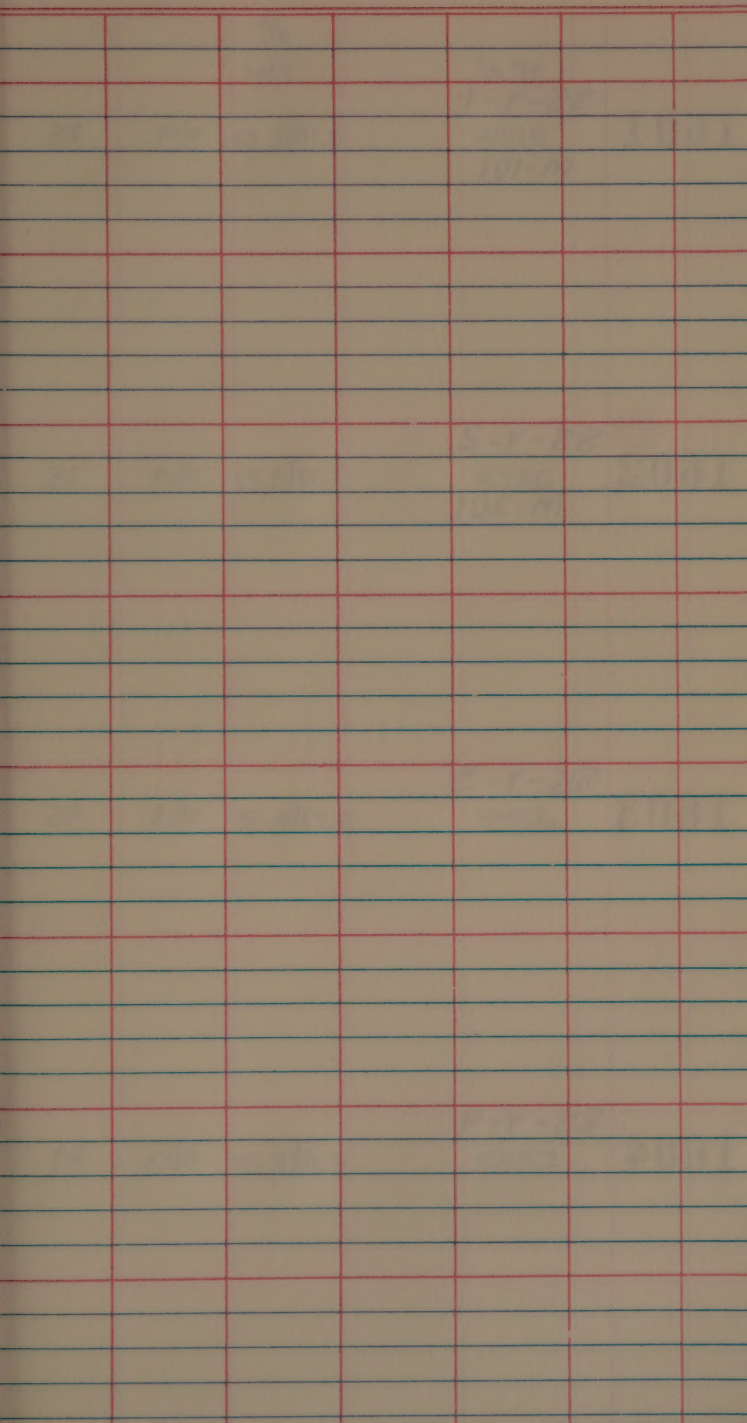
56.9/73.1

5654

53.0/74.6

4343





Seeded: 5/7/85

1601

85-4-1

M-101

7/8

8/19

85

1602

85-4-2

M-201

7/9

8/19

75

1603

85-4-3

7/16

8/28

95

1604

85-4-4

7/9

8/13

89

%

w/T

lb/A

62.2/71.0

4940

63.3/69.7

4780

52.0/68.8

4456

65.2/69.9

5937

1605	85-4-5	7/9	8/13	88
------	--------	-----	------	----

1606	85-4-6	7/10	8/13	88
------	--------	------	------	----

1607	85-4-7	7/9	8/13	86
------	--------	-----	------	----

1608	85-4-8	7/11	8/19	89
------	--------	------	------	----

%
w/T

16/A

4919

4518

5284

5197

1609	85-Y-9	7/12	8/19	94
1610	85-Y-10 M-202	7/10	8/19	88
1611	85-Y-11	7/10	8/19	90
1612	85-Y-12	7/10	8/19	86

%
w/T

161A

5171

48.2/65.4

4333

4626

5335

1613

85-4-13

7/7

8/8

72

1614

85-4-14

7/11

8/19

100

1615

85-4-15

7/9

8/19

80-95

Sag. Lt

1616

85-4-16

7/10

8/19

85

%
w/T

16 / A

0

5932

4672

5793

5711

85-4-17

 $\frac{7}{8}$

813

87

85-Y-18

$$7/3$$

8/8

78

85-4-19

7/13

8119

103

85-4-20

7/10

813

83

%
w/T

161A

5155

0

5366

80% L

5808

5556

1621

85-Y-21

7/14

8/26

93

CAMO-101

Hvd borders

8/27

1622

85-Y-22

7/14

8/19

79

L-202

1623

85-Y-23

7/11

8/19

104

1624

85-Y-24

7/10

8/13

90

$\%$

w/T

16/A

23.2/69.4

5397

53.6/68.2

5459

4559

6075

1625	85-4-25	7/21	8/26	80
------	---------	------	------	----

1626	85-4-26	7/10	8/9	101
------	---------	------	-----	-----

1627	85-4-29	7/10	8/13	80
------	---------	------	------	----

1628	85-4-30	7/8	8/13	75
	m-201			

%
w/T

16/A

4169

5459

4909

64.6/10.6

5479

1629

85-7-31

S-201

7/21

8/28

100

1630

Cal Pearl

7/12

8/19

83

Hv'd borders

8/27

(1668)

1631

85-7-34

7/16

8/26

99

1632

85-7-35

7/16

8/26

94

%
w/T

16/A

55.5/10.8

4672

66.1/11.5

5083

4703

4554

1633

85-4-36

7/17

8/26

95

1634

85-4-37

7/17

8/26

96

1635

85-4-38

7/20

8/28

106

Early says

1636

85-4-39

7/13

8/19

96

%
w/T

16/A

5181

5592

4996

4549

1637	85-7-40	7/20	8/26	99
1638	85-7-41	7/14	8/22	98
1639	85-7-42	7/8	8/9	75
1640	85-7-43	7/18	8/26	102

%
w/T

16/A

4415

5592

5366

4734

1641

85-Y-44

L-202

7/14

8/19

80

1642

85-Y-45

7/14

8/13

83

Very small pon.

1643

85-Y-46

7/13

8/13

97

1644

85-Y-47

7/17

8/19

87

Variable

%
w/T

16/A

53.8/69.0

6338

5633

5474

5166

85-7-48

7/14

8/19

83

85-4-49

7/13

8/19

84

85-4-50

7/17

8/22

88

85-4-51

7/13

8/19

89

%
w/T

16/A

5597

5366

5726

5479

1649

85-Y-52

7/13

8/19

82

1650

85-Y-53

7/12

8/19

103

Cal Belle

Hv'd borders

8/27

1651

85-Y-54

7/12

8/19

89

1652

85-Y-61

7/28

9/3

105

M-7

%
w/T

16/A

5731

42.2/68.4

5248

4857

50.5/68.0

3999

1653

85-Y-62

M-302

7/21

8/30

105

1654

85-Y-63

M-401

7/23

9/3

110

1655

85-Y-64

7/24

8/28

99

1656

85-Y-65

7/14

8/22

99

%
w/T

16/A

58.2/68.3

4456

40.1/63.3

4276

4832

5818

1657

85-4-66

7/23

9/3

100

1658

85-4-67

7/21

8/28

105

1659

85-4-68

7/20

8/28

104

1660

85-4-69

7/24

8/30

111

Tall early segs.

%
w/T

lb/A

5274

4883

4837

4883

08
1661

85-4-70

7/22

8/30

107

1662

85-4-71

7/19

8/26

101

1663

85-4-72

7/19

8/26

98

1664

85-4-73

7/20

8/28

105

%
w/T

16/A

4482

4626

4806

4914

1665	85-4-74	7/22	8/28	111
1666	85-4-75	7/19	8/26	100
1667	85-4-76	7/24	9/3	102
1668	85-4-77	7/22	8/28	106

%
w/T

16/A

4323

4616

4729

4333

1669	85-4-78	7/22	8/28	106
------	---------	------	------	-----

Early fall segs

1670	85-4-79	7/25	8/30	112
------	---------	------	------	-----

1671	85-4-80	7/24	9/3	109
------	---------	------	-----	-----

1672	85-4-81	7/17	8/26	104
------	---------	------	------	-----

%

w/T

lb/A

60.6/68.5

4045

59.2/69.4

4898

55.0/68.0

4318

44.0/71.4

5531

1673	85-Y-82	7/16	8/19	94
1674	85-Y-83	7/22	8/28	108
1675	85-Y-84	7/25	8/26	91
	Severe PB			
1676	85-Y-85	7/23	8/26	100
	Var. heading			

%
w/T

lb/A

55.3/67.0

4600

52.2/64.7

4030

45.1/68.8

2395

32.2/64.3

4842

1677 Gui Chow

8/1 9/9

(192)

1678 CB 801

8/5 8/28

Hy'd borders
9/9

(CB)

Reas; many stunted
plants!

1679 NWBT

7/28 8/28 110

(AR Fd)

1680 LBLE

7/13 8/19 110

(Fd)

1681	SKBT	7/17	8/19	110
	(Fd)			
1682	RU8303169	7/22	8/22	76
	(HR)			
1683	RU8303046	7/23	8/22	83
	(HR)			
1684	LMNT	7/22	8/26	78
	(Fd)			

%

w/T

16/A

55.5/69.0

6194

49.8/66.9

5227

45.8/66.6

4210

28.0/69.4

5155

1685	Rico I	7/24	9/3	104
------	--------	------	-----	-----

(BR)

1686	PCOS	7/19	8/22	102
------	------	------	------	-----

(Fd)

1687	MARS	7/21	8/26	109
------	------	------	------	-----

(33)

1688	BRAZ	7/22	8/30	107
------	------	------	------	-----

(Fd)

%
w/T

16/A

54.7/68.6

6399

64.6/69.0

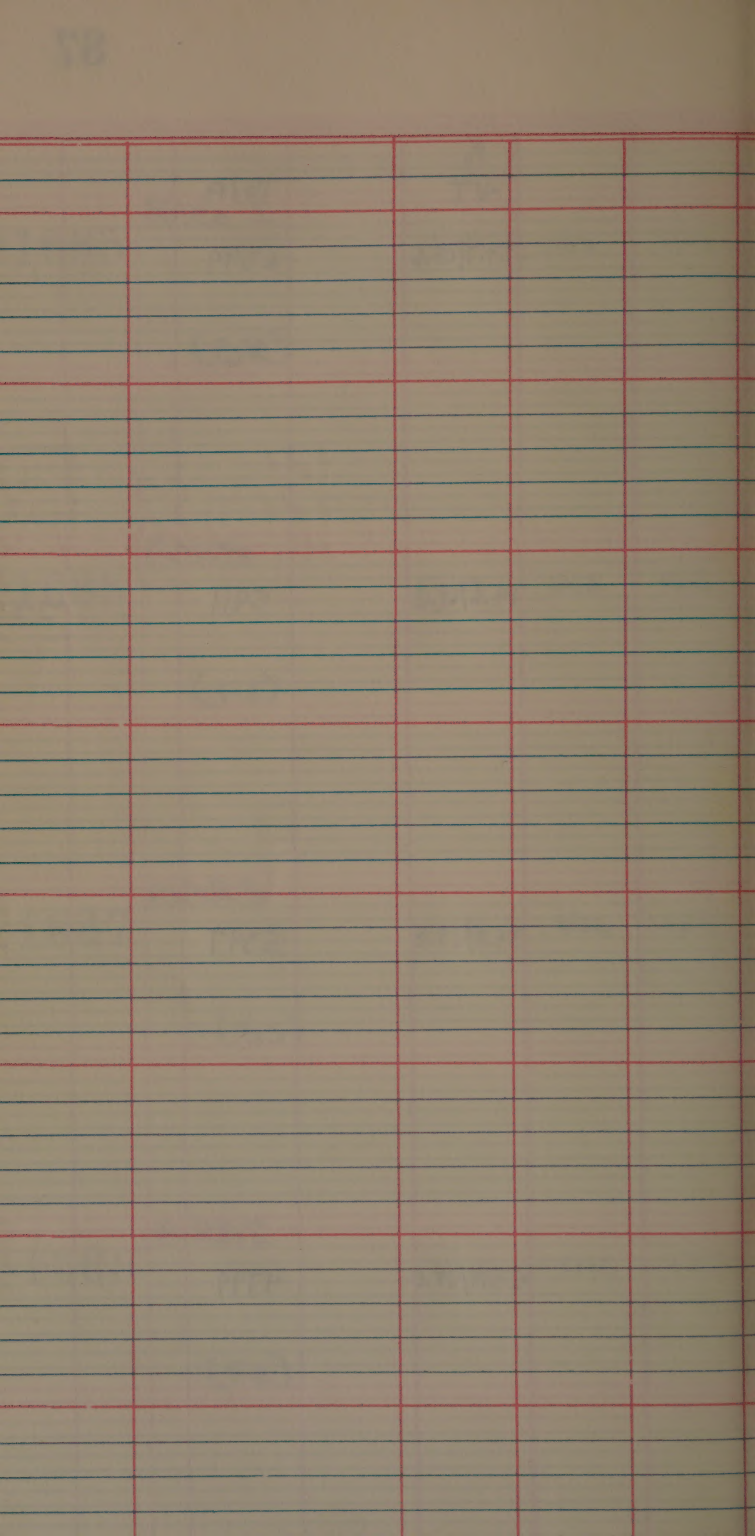
5911

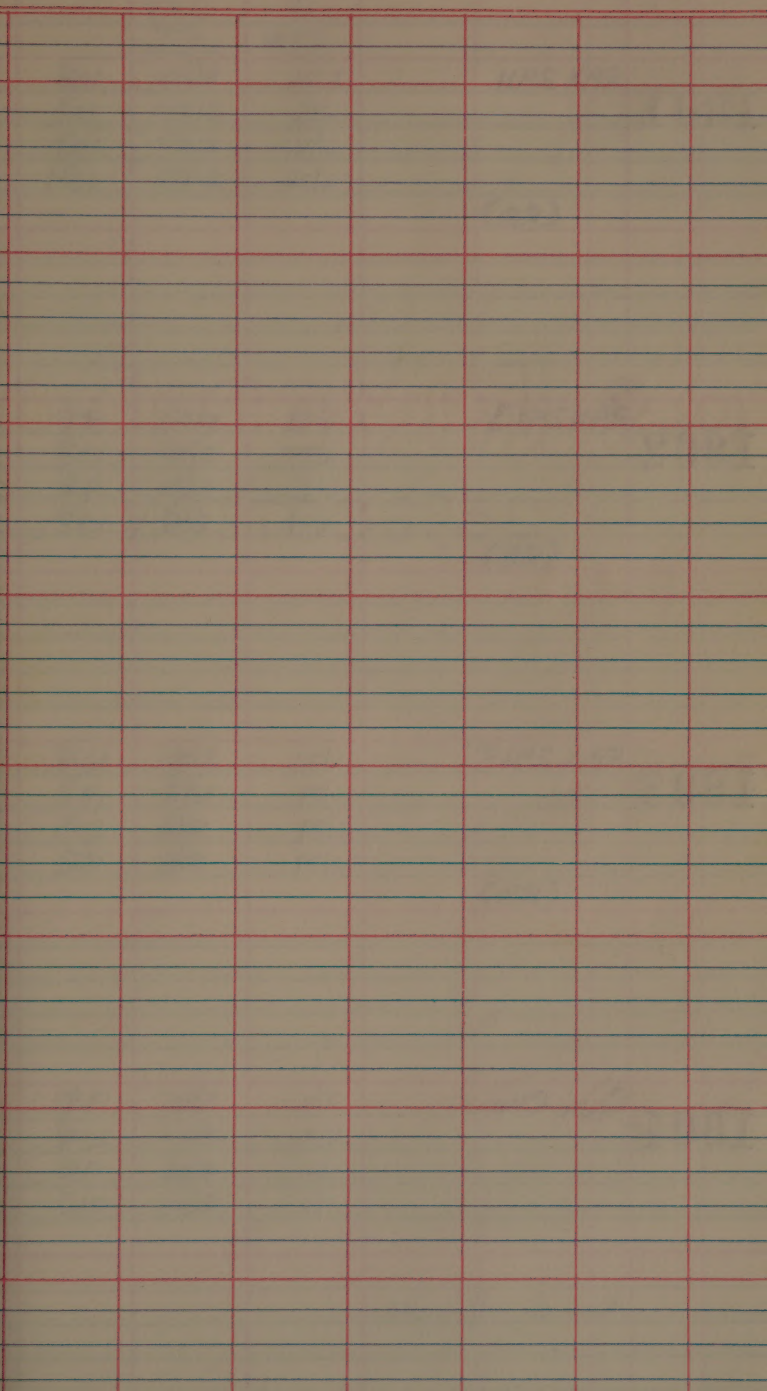
34.2/68.8

5397

55.4/69.0

4749





1805

RU8003005

6/22

8/1

106

6/21

8/1

99

6/21

8/1

94

6/21

8/1

102

(HR)

1806

LA 110

7/7

8/13

94

7/7

8/13

94

7/6

8/13

96

7/6

8/13

96

(1806)

Some early segs

1807

RU7803097

7/12

8/26

108

7/12

8/26

107

7/13

8/26

107

7/12

8/26

104

(1807)

Few early segs

1808

Nanking II

6/25

8/1

94

6/25

8/1

92

6/25

8/1

94

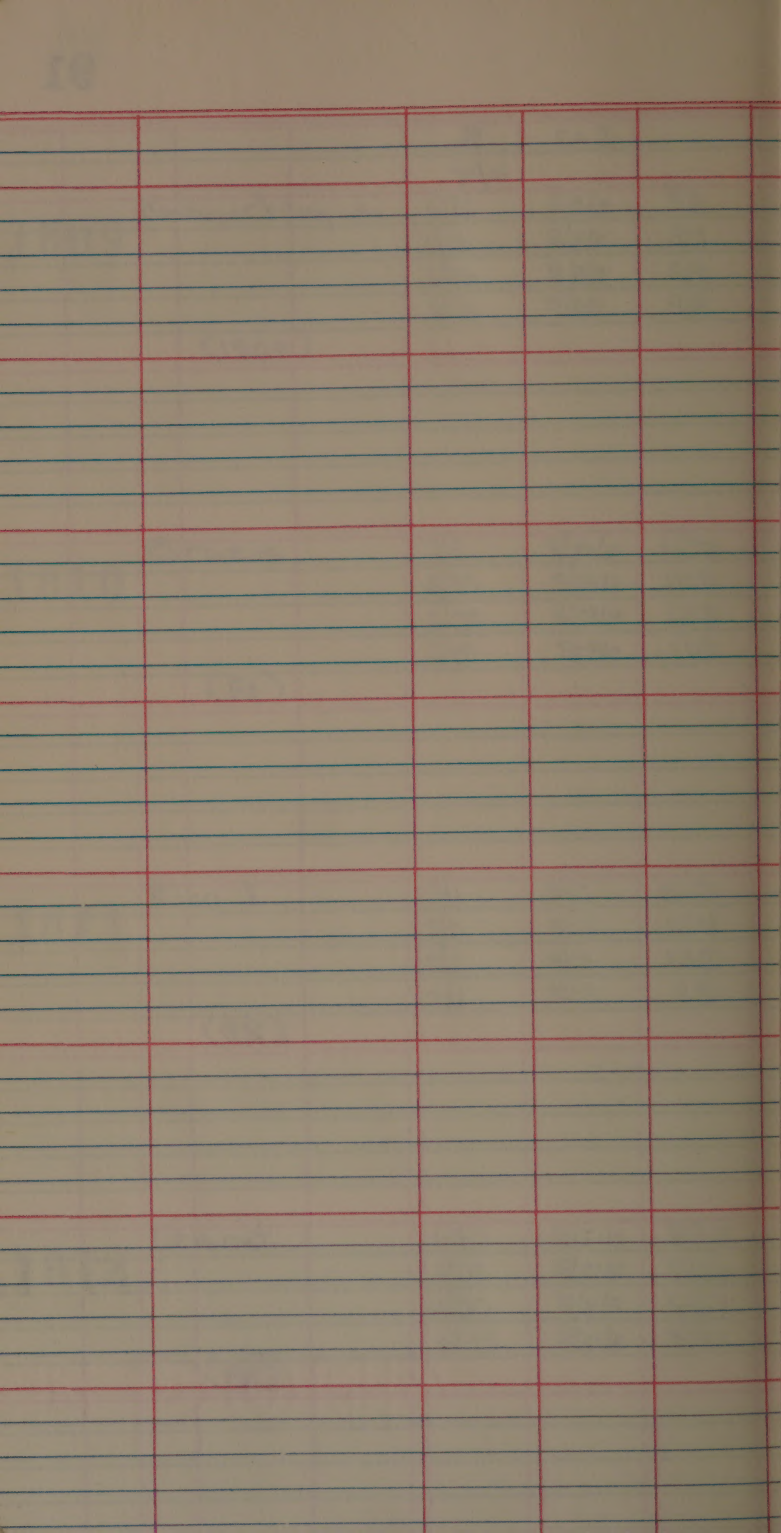
6/25

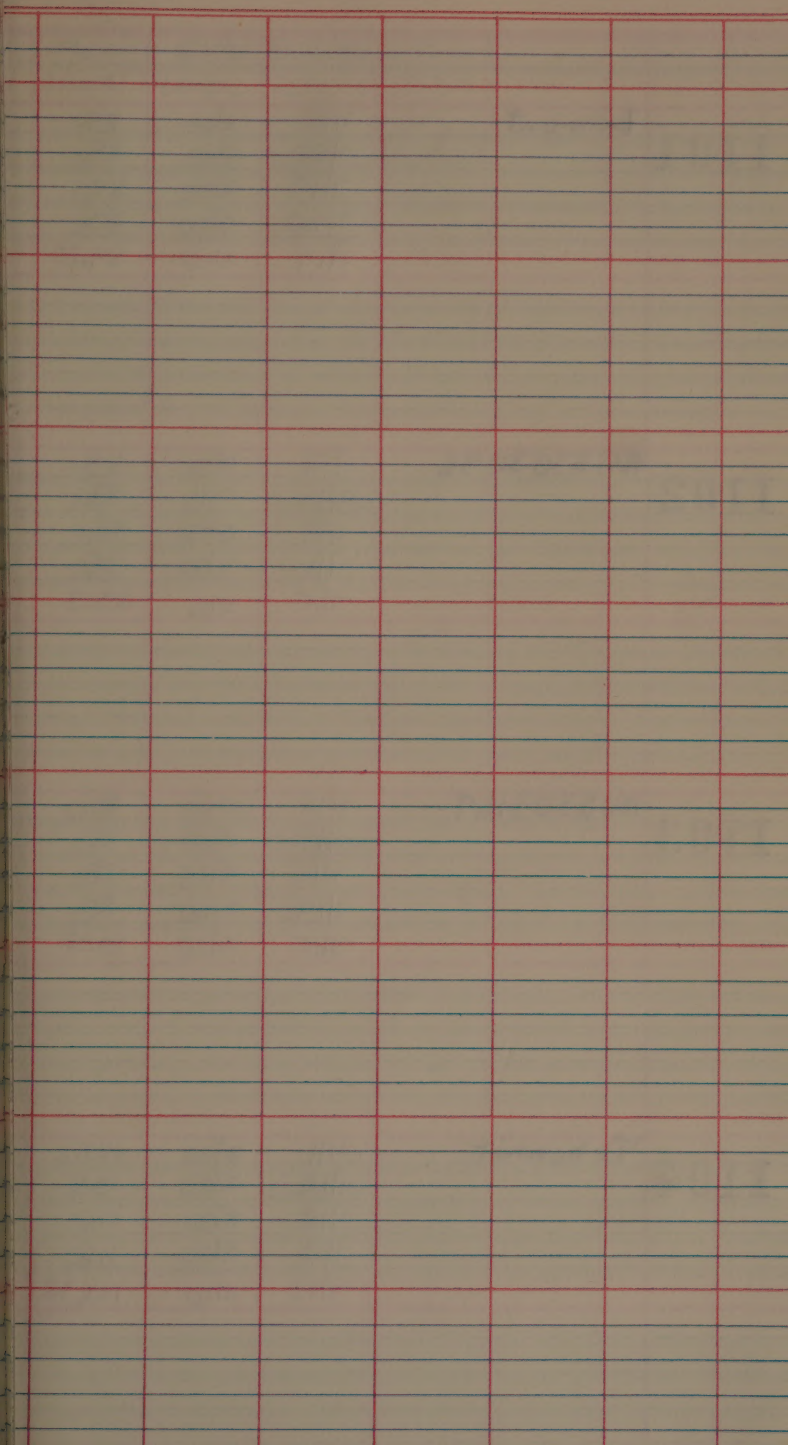
8/1

90

(1808)

1809	Kwang-chang-di	6/26	8/1	96
		6/26	8/1	97
		6/26	8/1	94
		6/26	8/1	98
	(1809)			
1810	Brazos	7/1	8/8	113
		6/30	8/8	110
		6/29	8/8	107
		6/29	8/8	110
	(Fa)			
1811	Rico I	7/1	8/13	100
		7/1	8/13	104
		7/1	8/13	102
		7/1	8/13	98
	(HR)			
1812	Lemont	6/30	8/1	88
		6/30	8/1	80
		6/30	8/1	85
		6/29	8/1	84
	(HR)			





Date of Seeding Test

Seeded 4/30/85

1101	Lemont	7/18	8/20	85
		7/20	8/20	85
		7/19	8/20	84
		7/20	8/20	83
		7/19	8/20	84.25
1102	RU8303046	7/14	8/16	83
		7/15	8/16	88
		7/15	8/16	78
		7/16	8/16	85
		7/15	8/16	83.5
1103	RU8303169	7/15	8/20	80
		7/15	8/20	85
		7/15	8/20	78
		7/14	8/20	80
		7/15	8/20	80.75
1104	Tebonnet	7/11	8/20	121
		7/12	8/20	130
		7/12	8/20	116
		7/12	8/20	112
		7/12	8/20	119.75

1105

New bonnet

7/24	8/29	111
7/24	8/29	105
7/24	8/29	114
<u>7/24</u>	<u>8/29</u>	<u>110</u>
7/24	8/29	110.0

mill. %

w/T

0

0

0

0

54.24/69.04

Seeded: 6/4/85

1106	Lemont	8/23	9/27	95
		8/23	9/27	93
		8/23	9/27	95
		8/22	9/27	95
		8/23	9/27	94.5
1107	RU8303046	8/19	9/25	96
		8/19	9/25	94
		8/19	9/25	96
		8/19	9/25	95
		8/19	9/25	95.25
1108	RU8303169	8/20	9/25	86
		8/19	9/25	85
		8/19	9/25	84
		8/19	9/25	89
		8/19	9/25	86.0
1109	Tebonnet	8/13	9/19	130
		8/13	9/19	131
		8/13	9/19	131
	Early fall segs	8/13	9/19	135
		8/13	9/19	131.75

2' x 2'
Sample

mill.

9/27

w/T

9/27

9/27

58.80/69.84

9/27

9/27

9/27

55.92/68.40

9/27

9/27

9/27

9/27

48.72/67.28

9/27

9/27

0

9/27

0

9/27

52.40/69.92

0

9/27

0

9/27

1115

New bonnet

9/21

10/31

101

9/23

10/31

101

9/24

10/31

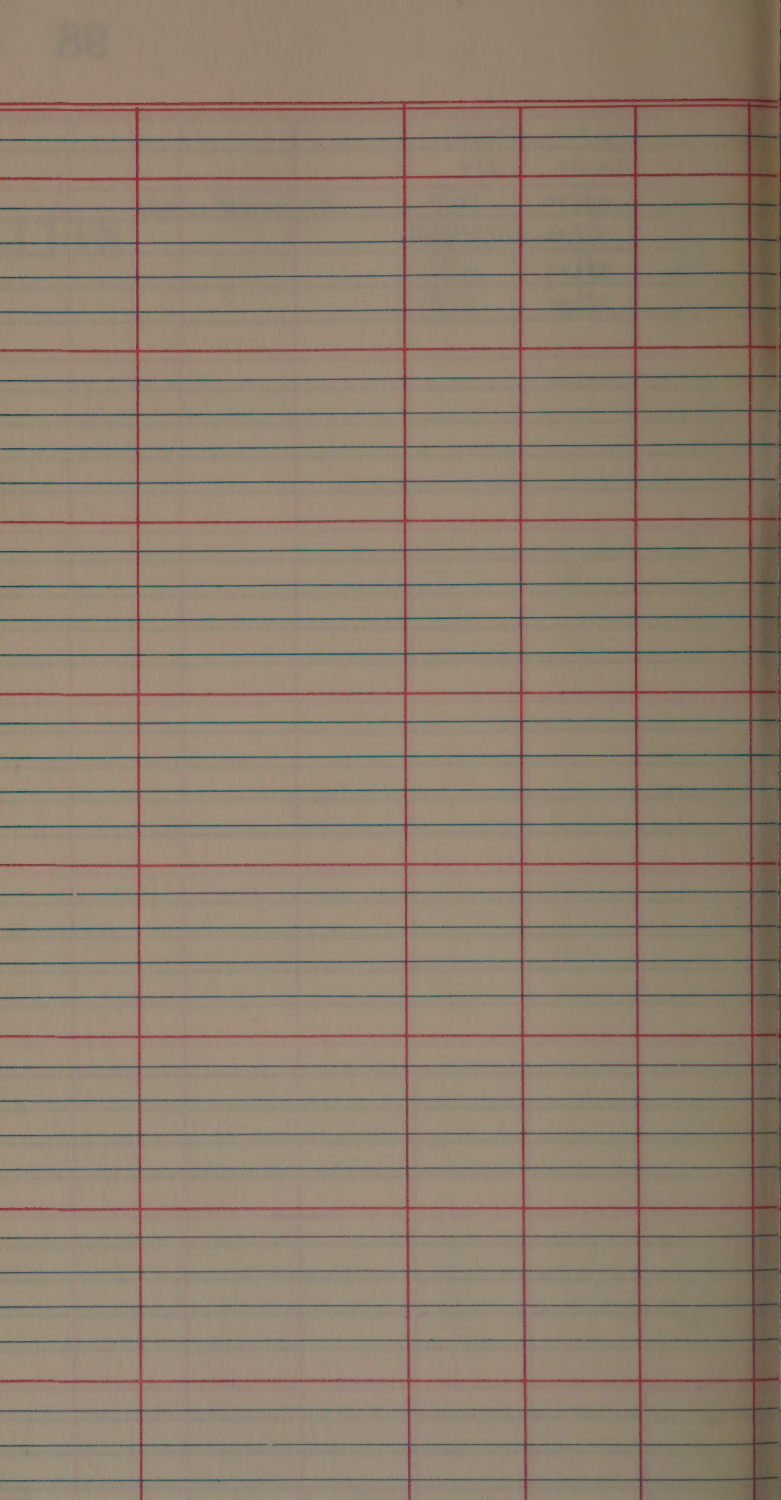
102

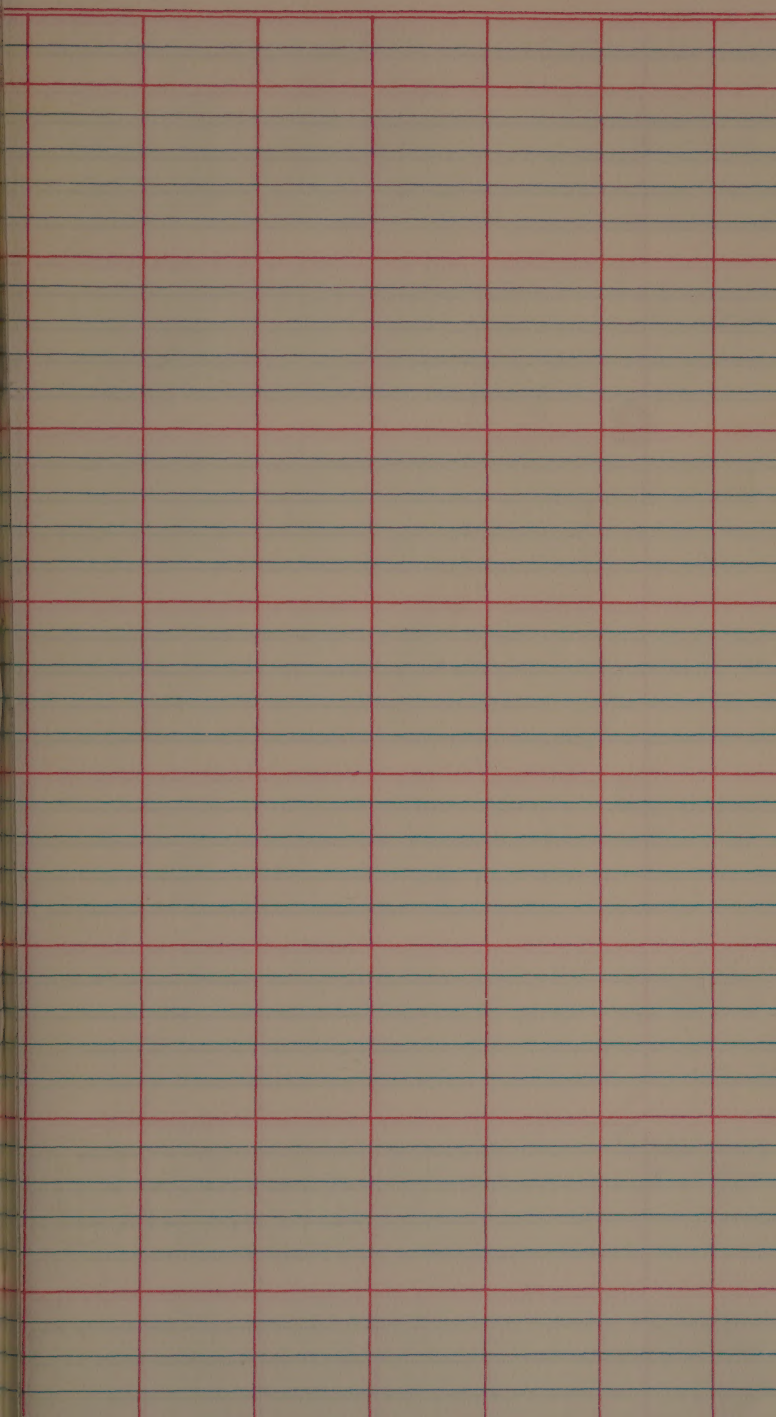
9/23

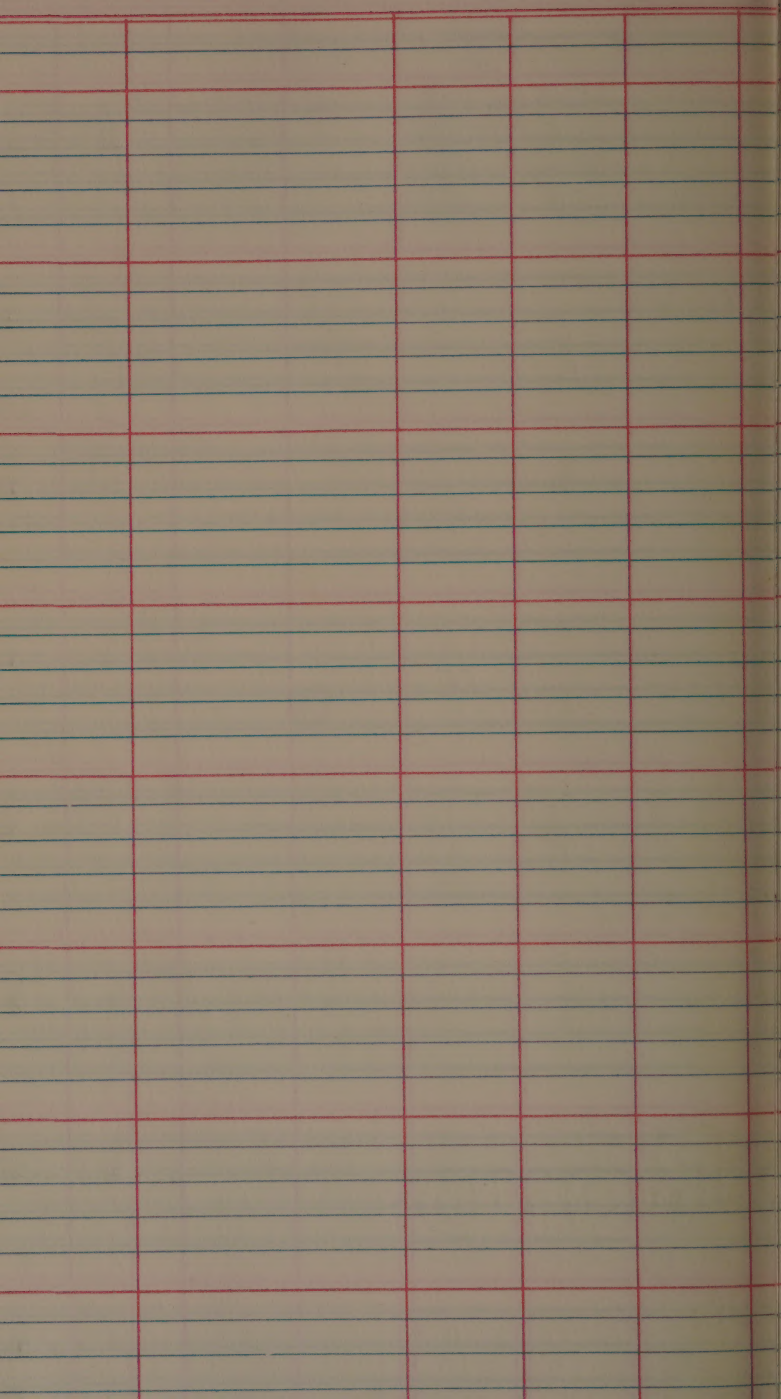
10/31

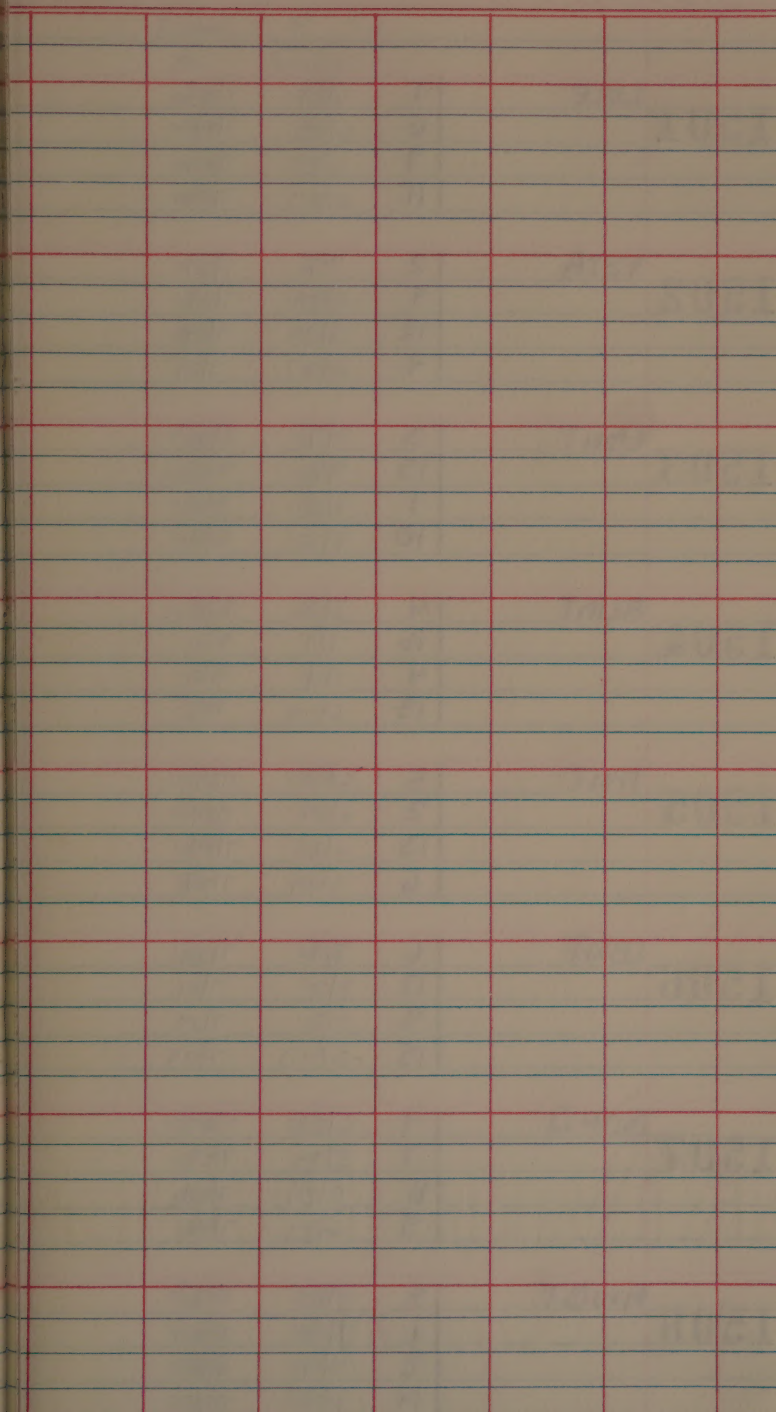
101.33

2'	mill.
sample	w/T
11/1	
11/1	57.92/71.04
11/1	









Ratoon Test

Seeded:

1501	LBLE	1	6/29	7/24	
		6	6/23	7/24	
		7	6/27	7/24	
		11	6/23	7/24	
1502	VSTA	2	7/1	7/29	
		9	6/29	7/29	
		12	6/28	7/29	
		4	6/27	7/29	
1503	LMNT	3	7/7	8/2	
		13	7/2	8/2	
		1	7/5	8/2	
		10	7/2	8/2	
1504	BLMT	4	7/3	8/2	
		16	7/1	8/2	
		4	7/4	8/2	
		13	6/28	8/2	
1505	TBNT	5	6/25	7/24	
		2	6/24	7/24	
		13	6/25	7/24	
		6	6/24	7/24	
1506	LBNT	6	7/1	7/29	
		12	7/2	7/29	
		9	7/2	7/29	
		15	6/30	7/29	
1507	BOND	7	6/23	7/24	
		7	6/23	7/24	
		11	6/24	7/24	
		5	6/23	7/24	
1508	NWBT	8	7/10	8/8	
		1	7/8	8/8	
		2	7/9	8/8	
		14	7/8	8/8	

Harvested 10' of row for yield and 2' sub-sample; top-dressed with 65 lb N at harvested.

Ratoon	2' sub- sample				
Hv.					
10/4	10/4				
10/4	"				
10/4	"				
10/4	"				
10/9	10/9				
10/9	10/9				
10/9	10/9				
10/9	10/9				
10/24	10/24				
10/24	10/24				
10/24	10/24				
10/24	10/24				
10/16	10/16				
"	"				
"	"				
"	"				
10/4	10/4				
10/4	"				
10/4	"				
10/4	"				
10/16	10/16				
"	"				
"	"				
"	"				
10/4	10/4				
10/4	"				
10/4	"				
10/4	"				
10/24	10/24				
10/24	10/24				
10/24	10/24				
10/24	10/24				

1509	MARS	9	7/5	8/8
		14	7/4	8/8
		8	7/4	8/8
		2	7/4	8/8

1510	8003005	10	6/24	7/24
		11	6/25	7/24
		5	6/26	7/24
		12	6/25	7/24

1511	8 03169	11	6/30	7/29
		4	6/30	7/29
		10	6/30	7/29
		7	6/28	7/29

1512	8303181	12	6/28	7/29
		15	6/26	7/29
		3	6/30	7/29
		3	6/26	7/29

1513	8303046	13	6/29	7/29
		8	6/29	7/29
		16	6/28	7/29
		8	6/29	7/29

1514	8303116	14	6/24	7/24
		3	6/23	7/24
		15	6/24	7/24
		16	6/25	7/24

1515	7902113	15	6/28	7/29
		10	6/30	7/29
		6	7/1	7/29
		1	6/29	7/29

1516	L-202	16	6/24	7/29
		5	6/23	7/29
		14	6/25	7/29
		9	6/25	7/29

Ratoon	2 ¹ Sub- sample
Hv.	
10/16	10/16
"	"
"	"
"	"
10/4	10/4
10/4	"
10/4	"
10/4	"
10/16	10/16
"	"
"	"
"	"
10/16	10/16
"	"
"	"
"	"
10/16	10/16
"	"
"	"
"	"
10/9	10/9
"	"
"	"
"	"
10/9	10/9
"	"
"	"
"	"
10/9	10/9
"	"
"	"
"	"

87810 = LBNT // 9881 / 331581 / 3 / DAWN / 245717 // 13-D / KXRE



UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK

AGRONOMIC NOTES

CHARLIE,
HERE ARE THE DATA ON WINE
B775A1-1993. THE WINE IS
RESISTANT BUT, IN THE F4 GENERATION,
193-3-10 WAS THE MOST SUSCEPTIBLE.

LESSER GRAM
BORDER EMERG.

% AGM
EMERG.

F2 PLANT VALUE -- 0 (R)

8 (R)

F3 PLANT VALUE -- 2.4 (R)

26 (MS)

F4 (193-3-10) -- 11.2 (MR)

8.6 (R)

F4 MEAN (193-3) -- 4.3 (R)

SCALE FOR ESTIMATING RUST

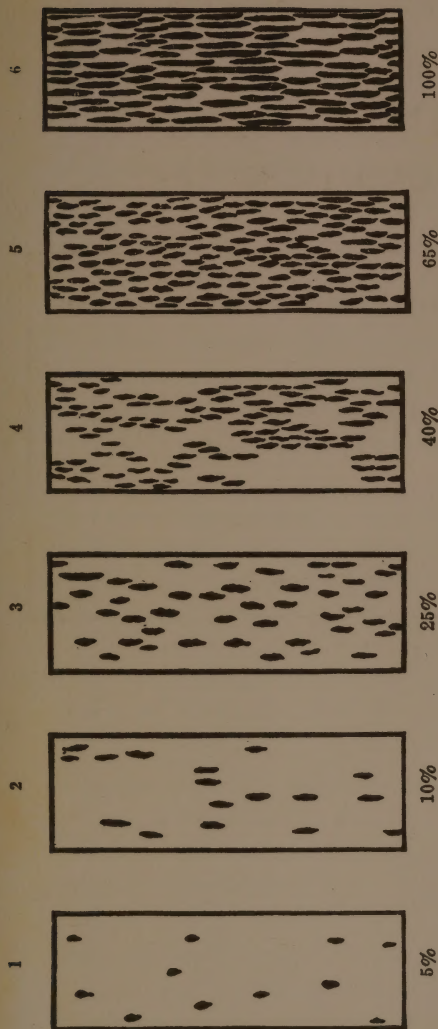
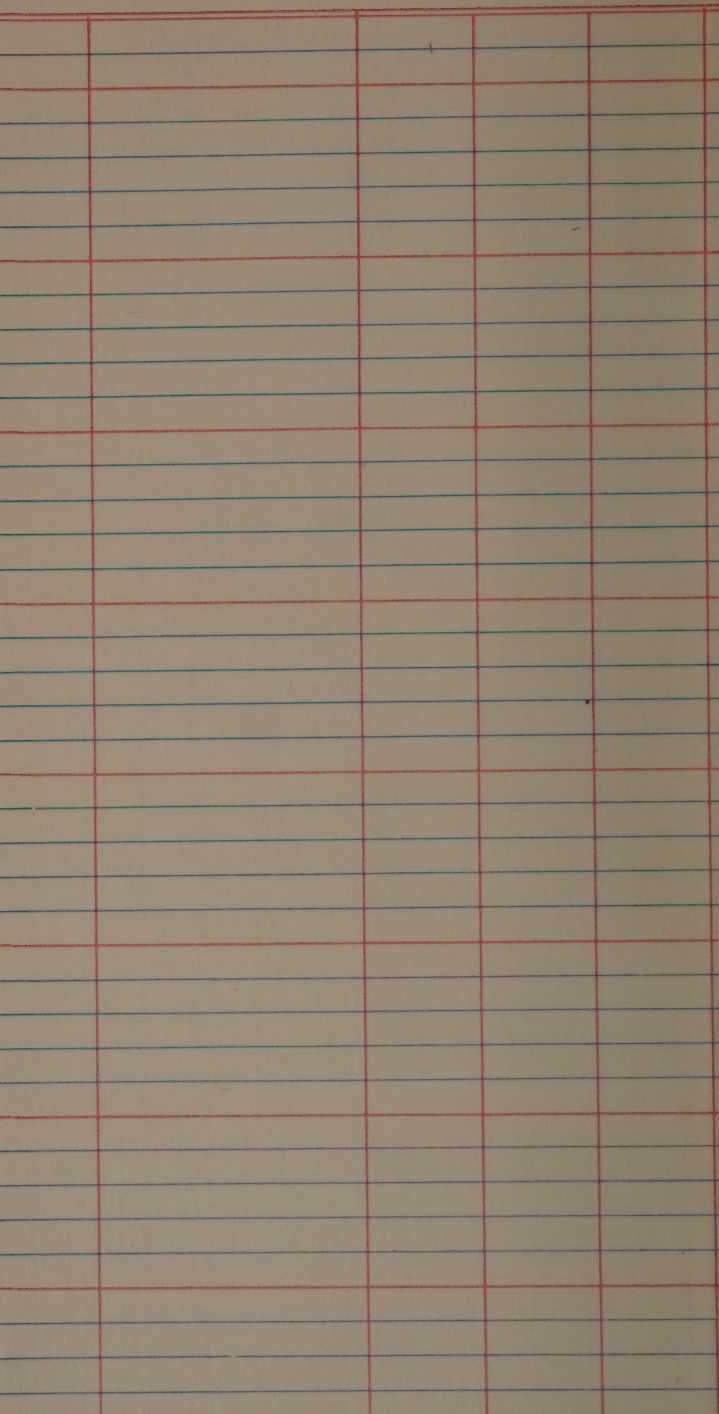
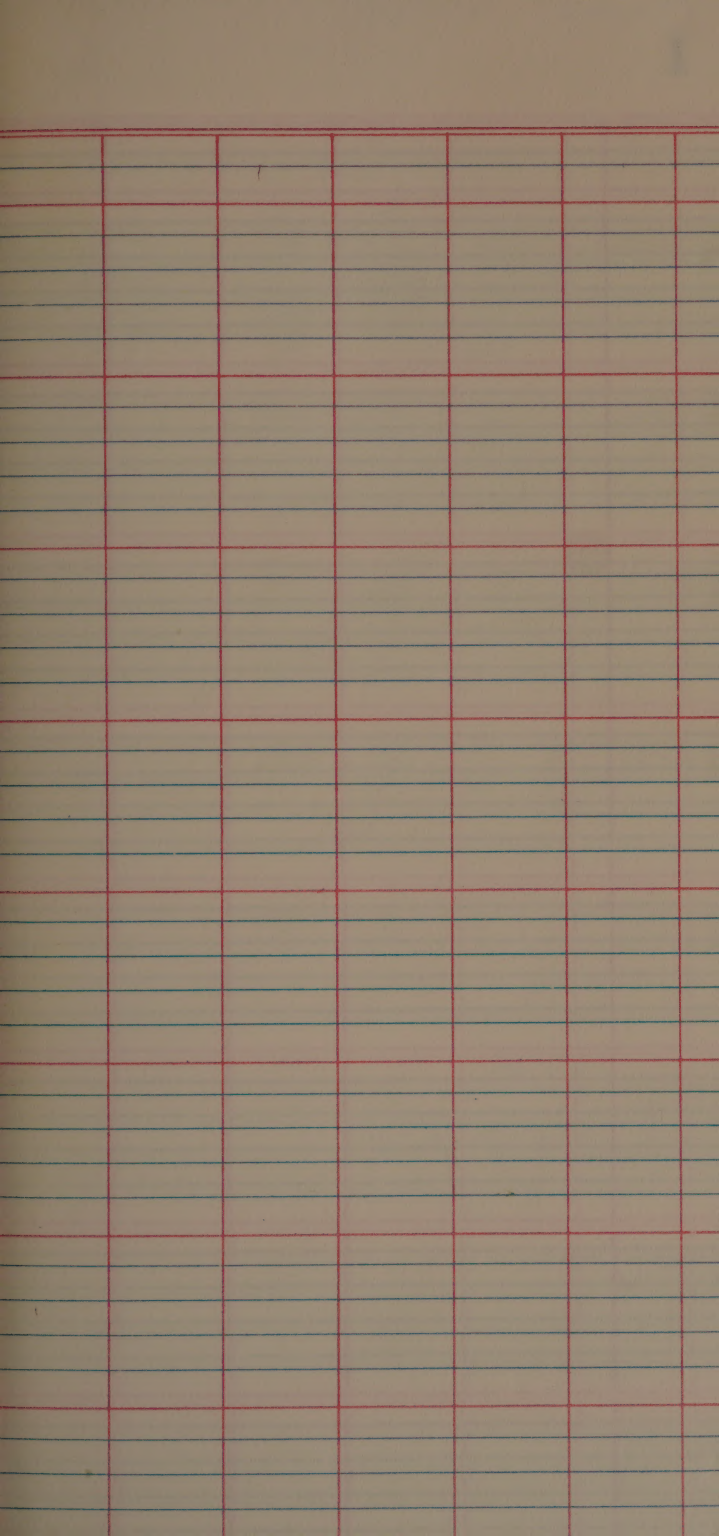


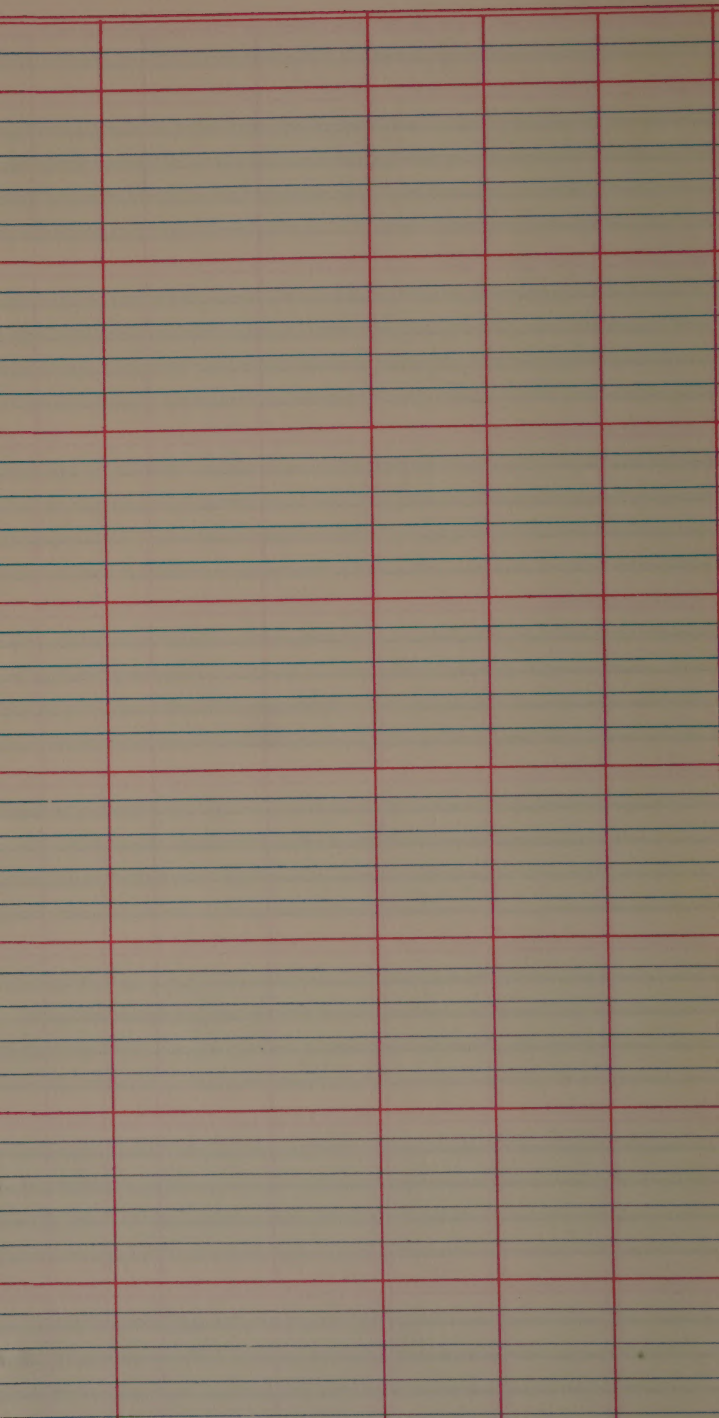
Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

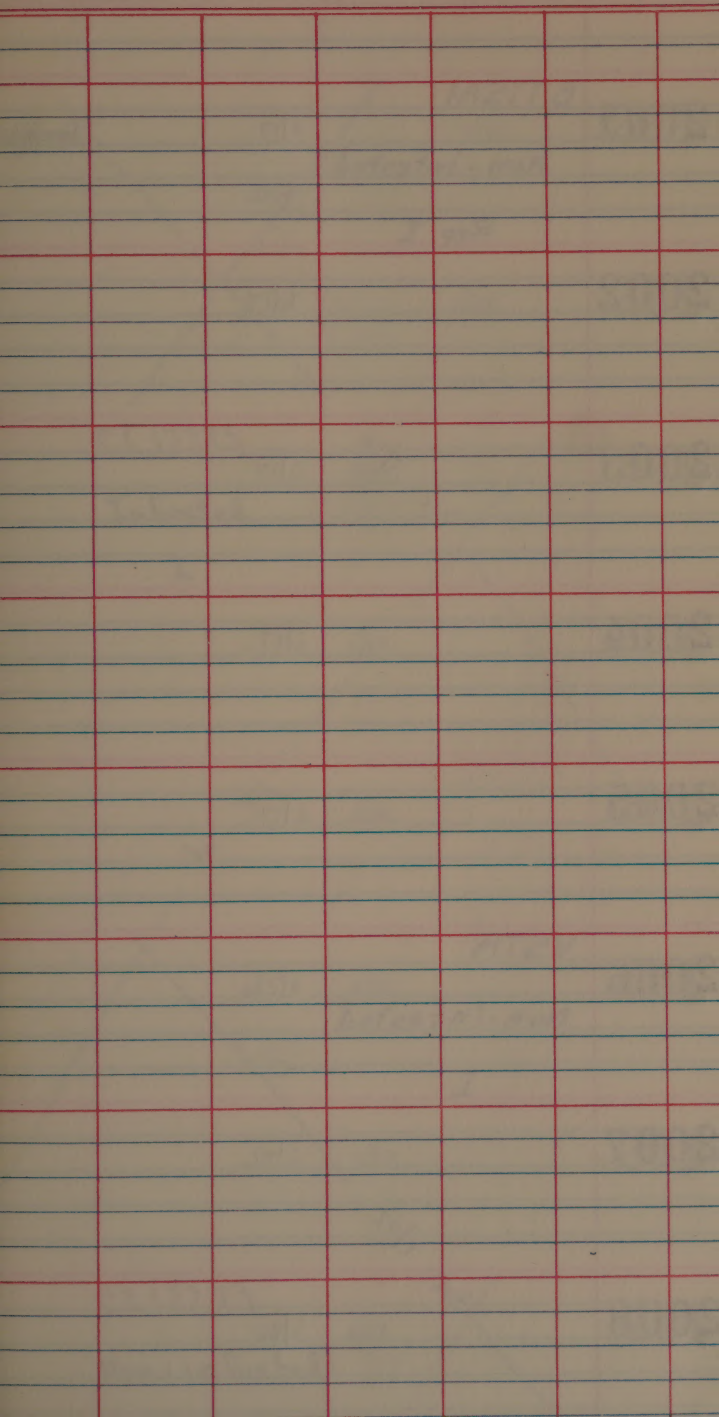
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.









Seeded: 4/4/85

2001

B775A1

Non-infested

Rep I

6/17

6/16

Cayburn

2002

6/17

2003

b/c 7/16

6/17

2004

6/17

2005

6/17

2006

VSTA

Non-infested

I

6/26

2007

6/26

2008

b/c 7/22

6/26

Cayburn

6/26

2009

6/26

2010

CI 12273

6/19

2011

Infested

I

6/19

2012

6/19

2013

6/19

2014

6/19

2015

CI 12273

6/19

2016

Non-infested

I

2017

6/19

Cogburn

2018

6/19

7/11

bk

2019

6/19

2020

6/19

2021

VSTA

Infested

I

6/27

2022

6/27

2023

7/22

6/27

bk

2024

6/27

Cagburn

6/27

2025

B775A1

6/17

2026

Infested

I

6/17

2027

bx 7/16

6/17

2028

6/17

2029

6/17

2030

B775A1

6/17

2031

Non-infested

Rep II

6/17

2032

2033

6/17

Coghorn

2034

bx 7/16

6/17

2035

6/17

2036

CT 12273

Non-infested

II

6/18

2037

6/18

2038

7/11

6/18

2039

6/18

2040

6/18

Cogburn

VSTA

Non-infested

II

6/26

2041

6/26

2042

bx 7/22

6/26

2043

6/26

2044

6/26

2045

CI 12273

Infested

II

6/18

2046

6/18

2047

bx 7/11

6/18

2048

2049

6/18

Cogburn

2050

6/18

2051

BT75A1

Infested

II

6/16

2052

6/16

2053

b/r 7/16

6/16

2054

6/16

2055

6/16

2056

VSTA

Infested

II

6/27

Cagburn

6/27

2057

6/27

2058

bK

7/22

6/27

2059

6/27

2060

CI 12273

Infested

Rep III

6/18

2061

6/18

2062

bK

7/11

6/18

2063

6/18

2064

2065

6/18

Cogburn

2066

B775A1

6/15

Non-infested

III

2067

6/15

2068

bx 7/16

6/15

2069

6/15

2070

6/15

2071

VSTA

6/26

Non-infested

III

2072

6/26

Cagburn

6/26

2073

bx 7/22

6/26

2074

6/26

2075

VSTA

6/27

2076

Infested
III

6/27

2077

bx 7/22

6/27

2078

bx

6/27

2079

2080

miped saw!

2081

CI 12273

6/18

Cogburn

Non-infested

III

2082

6/18

2083

6/18

bx 7/11

2084

6/18

2085

6/18

2086

B775A1

6/17

Infested

III

2087

6/17

bx 7/16

2088

6/17

Cayburn

6/17

2089

6/17

2090

VSTA

6/26

2091

Non-infested

Rep IV

6/26

2092

6/26

2093

7/22

bx

6/26

2094

6/26

2095

B775A1

6/17

2096

Infested

IV

2097

6/17

Cogburn

2098

6/17

7/16

b/c

2099

6/17

2100

6/17

2101

B775A1

Non-infested

IV

6/16

2102

6/16

2103

6/16

7/16

b/c

2104

6/16

Cagborn

6/16

2105

CI 12273

6/17

2106

Infested

IV

6/17

2107

6/17

2108

6/17

2109

6/17

2110

CI 12273

6/17

2111

Non-infested

IV

6/17

2112

2113

6/17

Cogburn

2114

bk 7/11

6/17

2115

6/17

2116

VSTA

Infested

IV

6/26

2117

6/26

2118

bk 7/22

6/26

2119

6/26

2120

6/26

PT 408449

4960

7/9

2121

bic 8/6

PI 161058

Cagburn
↓

W.C. 645

7/1

↓

2122

"

2123

"

2124

"

7/31

bk

2125

"

2126

"

2127

"

2128

2129 PT 161058

7/1
↓

Cogburn

2130 "

2131 "

2132 " 6/15 7/31

2133 "

2134 "

2135 "

2136 "

Cayburn

PI 161058

7/1



2137

"

2138

"

2139

"

bK 7/3/

2140

"

2141

"

2142

"

2143

"

2144

2145

PI 161058

7/1



Cogburn

2146

"

bK 7/31

2147

"

2148

PI 408449

7/9

4960

bK 8/6

2149

W.C. 55

6/21



76/2391-94

2150

"

2151

"

bK 7/22

2152

"

w.c. 55

76/2391-94

6/21



2153

"

2154

"

2155

"

2156

"

bk 7/22

2157

"

2158

"

2159

"

2160

2161

w.c. 55

6/21



76/2391-94

2162

"

2163

"

2164

"

bK 7/82

2165

"

2166

"

2167

"

2168

"

W.C. 55

76/2391-94

6/21



2169

"

2170

"

2171

"

bk 7/22

2172

"

2173

"

2174

"

2175

PI 408449

4960

7/8

2176

bk 8/6

2177

CI 9518

W.C. 1173

7/16

Cogburn

2178

"

7/16

2179

"

7/16

2180

"

8/20

7/16

2181

"

b/r

7/16

2182

"

7/16

2183

"

7/16

2184

"

7/16

Coyburn

CI 9518

W.C. 1173

7/16

2185

"

7/16

2186

"

7/16

2187

"

bk

8/20

7/16

2188

"

7/16

2189

"

7/16

2190

"

7/16

2191

"

7/16

2192

2193

CI 9518

W.C. 1173

7/16

Cogburn

2194

7/16

2195

7/16

2196

7/16

2197

7/16

2198

7/17

2199

7/17

2200

7/17

Cagburn

B775A1-142-1-3

6/27

2201

P/P

bx 7/22

-193-6-9

6/17

2202

P/P

bx 7/22

-37-2-1

6/24

2203

P/P

bx 7/22

-193-4-7

6/16

2204

P/P

bx 7/22

Mutica (-40)

6/16

2205

P/P

bx 7/22

B775A1-212-4-5

6/24

2206

P/P

bx 7/24

-27-1-6

6/29

2207

P/P

bx 7/24

-212-5-8

6/19

2208

P/P

bx 7/24

VSTA (-12)

2209

6/28

Cagburn

P/p

bx 7/24

B775A1-21-2-6

2210

6/13

P/p

bx 7/24

-195-5-6

2211

6/28

P/p

bx 7/24

-197-1-7

2212

6/20

P/p

bx 7/24

-99-4-7

2213

6/27

P/p

bx 7/24

-11-2-9

2214

6/17

P/p

bx 7/24

-142-1-4

2215

6/28

P/p

bx 7/24

-193-7-10

2216

6/17

P/p

bx 7/24

Cagburn

3775A1-212-1-8

6/16

2217

P/P

bk 7/24

-212-6-1

6/16

2218

P/P

bk 7/24

-193-3-3

6/20

2219

P/P

bk 7/24

-193-2-5

6/15

2220

P/P

bk 7/24

-111-2-1

6/16

2221

P/P

bk 7/24

-193-6-7

6/18

2222

P/P

bk 7/24

-212-4-10

6/20

2223

P/P

bk 7/24

-212-1-7

6/19

2224

P/P

bk 7/24

8775A1-21-5-1

2225

P/p
bx 7/24

misfed row?

6/15

-193-3-5

2226

P/p
bx 7/24

6/20

-109-1-10

2227

P/p
bx 7/24

6/10

-193-5-2

2228

P/p
bx 7/24

6/18

-212-5-5

2229

P/p
bx 7/24

6/18

-195-5-7

2230

P/p
bx 7/24

6/28

-212-4-3

2231

6/31

P/p
bx 7/24

-197-4-10

2232

P/p
bx 7/24

6/19

B775A1-99-5-6

6/27

2233

P/p

bk 7/24

-252-4-10

6/20

2234

P/p

bk 7/24

VSTA (-16)

6/26

2235

P/p

bk 7/24

B775A1-193-7-5

6/28

2236

P/p

bk 7/24

-142-1-10

6/27

2237

P/p

bk 7/24

-21-5-4

6/15

2238

P/p

bk 7/24

-212-1-6

6/18

2239

P/p

-193-2-8

6/15

2240

P/p

bk 7/24

2241

B775A1-212-4-8

p/p

6/20

bx 7/25

2242

-193-3-2

p/p

6/15

bx 7/25

2243

Mutica (-27)

6/18

bx 7/22

2244

B775A1-193-3-7

p/p

6/19

bx 7/25

2245

-212-1-5

p/p

6/16

bx 7/25

2246

-193-5-6

p/p

6/16

bx 7/25

2247

-212-6-8

6/25

p/p

bx 7/25

2248

-119-1-4

p/p

6/13

bx 7/25

3775A1-27-1-5

6/29

2249


 P/P
 bk 7/25

-99-5-7

6/26

2250

P/P
 bk 7/25

-212-5-3

6/19

2251

P/P
 bk 7/25

-193-3-4

6/21

2252

P/P
 bk 7/25

-212-5-2

6/18

2253

P/P
 bk 7/25

-252-4-5

6/20

2254

P/P
 bk 7/25

-99-5-10

6/27

2255

P/P
 bk 7/25

-212-1-2

6/18

2256

P/P
 bk 7/25

BT75A1-212-4-2

2257

P/p
bx 7125

6/21

-212-6-4

2258

P/p
bx 7125

6/16

-31-4-1

2259

P/p
bx 7125

6/24

-27-1-3

2260

P/p
bx 7125

6/20

-197-4-8

2261

P/p
bx 7125

6/20

-212-6-6

2262

P/p
bx 7125

6/20

-184-5-9

2263

P/p
bx 7125

6/26

Mufica (-10)

2264

bx 1122

6/21

B775A1-212-1-4

6/20

2265

P/p

bx 7/25

-193-2-10

6/16

2266

P/p

bx 7/25

-109-1-7

7/4

2267

P/p

bx 7/25

-11-2-10

6/24

2268

P/p

bx 7/25

-195-5-10

6/28

2269

P/p

bx 7/25

VSTA (-33)

6/27

2270

P/p

bx 7/25

B775A1-184-5-10

6/23

2271

P/p

bx 7/25

-31-4-3

6/17

2272

P/p

bx 7/25

2273

B775A1-212-5-7

6/20

8/p

bx 7/25

2274

-193-4-1

8/p

6/15

bx 7/25

2275

-142-4-8

6/29

8/p

bx 7/25

2276

-109-2-7

6/24

8/p

bx 7/25

2277

-27-1-7

6/30

8/p

bx 7/25

2278

-212-4-1

6/27

8/p

bx 7/25

2279

-193-7-8

6/30

8/p

bx 7/25

2280

-195-5-5

6/27

8/p

bx 7/25

B775A1-212-5-4

6/25

2281

P/p

bx 7/25

-212-5-10

6/20

2282

P/p

bx 7/25

-184-3-2

6/25

2283

P/p

bx 7/25

-193-2-4

6/14

2284

P/p

bx 7/25

-212-4-9

6/21

2285

P/p

bx 7/25

-193-3-9

6/18

2286

P/p

bx 7/25

-99-4-6

6/18

2287

P/p

bx 7/25

VSTA (-30)

6/23

2288

P/p

bx 7/25

2289

B775A1-109-2-2

6/24

P/p

bx 7/25

-197-1-8

2290

6/24

P/p

bx 7/25

-184-5-5

2291

6/28

P/p

bx 8/2

-212-4-6

2292

6/25

P/p

bx 7/25

-119-1-1

2293

6/27

P/p

bx 7/25

-197-4-1

2294

6/26

P/p

bx 7/25

Mutica (-1)

2295

6/20

bx 7/22

2296

B775A1-193-3-10

6/27

P/p

bx 7/25

BTTSAI-III 2-10

6/23

2297

P/P
bx 7/25

-197-4-6

6/27

2298

P/P
bx 7/25

-109-8-6

6/19

2299

P/P
bx 7/25

-197-4-5

6/19

2300

P/P
bx 7/25

MAM

Yuan Feng Zao

PI 494 T65

6/14

↓

2301

"

2302

"

2303

bx 7/25

"

2304

2305

Yuan Feng Zao

6/14

↓

MAM

2306

"

2307

"

6/15
br

2308

"

2309

"

2310

"

2311

Hua Qui

PI 494763

6/21

↓

MAM

2312

"

MAM

Hua Qui

6/21



2313

"

2314

"

2315

"

2316

"

bk

2317

"

2318

"

2319

"

2320

2321

Lao Hu Dao

8/24

MAM

2322

"

8/24

2323

"

bk 10/10

8/24

2324

"

8/24

2325

"

8/24

2326

Zhen Long 13

PI 494 766

semi dwarf

6/19

↓

MAM

2327

"

2328

"

MAM

Zhen Long 13

6119
↓

2329

"

2330

"

2331

"

611

2332

"

2333

"

2334

"

2335

Human Early Dwarf No. 2

MAM

712

2336

PI 494156

2337

Hunan Early Dwarf No. 2

7/1

MAM

2338

"

7/1

2339

"

7/1

2340

"

8/12

6/15

6/30

2341

"

6/27

2342

"

6/27

2343

"

6/27

2344

"

6/28

MAM

Hunan Early Dwarf No. 2

2345

MAM

Hunan Late Indica No. 2

2346

6/17

sending



"

6/17

2347

"

7/11

6/17

2348

bk

"

6/17

2349

"

6/17

2350

Hunan Early Dwarf No. 3

2296-64

6/14

2351

PI 494757



6/14

2352

7/5

bk

Human Early Dwarf No. 3

2353

6/14



22961-64

2354

"

6/14

2355

"

6/14

2356

"

7/5

6/14

bk

2357

"

6/14

2358

"

6/14

2359

"

6/14

2360

"

6/14

Honan Early Dwarf No. 4
22965-68

6/19

PI 494758

↓

2361

"

2362

"

2363

"

2364

" 6/16

2365

"

2366

"

2367

"

2368

2369

Human Early Dwarf No. 4

6/19

22965-68



2370

"

2371

Human Early Dwarf No. 7

PI 494759

22969-72

6/15



2372

"

2373

"

2374

"

7/5

2375

"

2376

"

Human Early Dwarf No. 7

22969-72

6/15



2377

"

2378

1/5

"

b/c

2379

"

2380

Human Early Dwarf No. 8

22973-76

PI 494760

6/17



2381

"

2382

"

1/11

b/c

2383

"

2384

2385

Hunan Early Dwarf No. 8

6/17



22973-76

2386

"

2387

"

br 7/11

2388

"

2389

"

2390

"

2391

Hunan Early Dwarf No. 9

6/24



22977-80

PI 494761

2392

"

Human Early Dwarf No. 9

22977-80

6/24
↓

2393

"

2394

"

2395

"

2396

7/22

6K

"

2397

"

2398

"

2399

"

2400

2401

Wan Li Xian

6/27



MAM

2402

"

2403

"

2404

"

7/22

bkr

2405

"

2406

"

2407

"

2408

"

MAM

Wan Li Xian

6/27



2409

"

2410

MAM

Hunan Sinica No. 12

8/71

2411

"

8/71

2412

"

8/5

2413

 bx 10/10
 "

8/5

2414

"

8/5

2415

"

8/6

2416

2417	Hunan Sinica No. 12	8/6	MAM
2418	" bk 10/10	8/6	
2419	"	8/7	
2420	"	8/7	
2421	Ai Geng 23	8/6	MAM
2422	"	8/7	
2423	" bk 10/10	8/6	
2424	"	8/5	

MAM

Ai Geng 23

8/5

2425

MAM

Non Hong 73

8/1

2426

"

8/1

2427

"

10/3

8/1

2428

"

8/1

2429

"

8/1

2430

MAM

Qui Lu Ai 8 Hao

PI 494764

6/18

2431

2432

2433

Qui Lu Ai 8 Hao

6/18



MAM

semidwarf

2434

"

2435

"

2436

"

7/11

bK

2437

"

2438

"

2439

"

2440

"

MAM

Jing Keng 19

7/31

2441

"

7/31

2442

"

8/1

2443

" 10/3
bk

7/31

2444

"

7/31

2445

"

7/31

2446

"

7/31

2447

"

7/31

2448

2449

Jing Keng 19

7/31

MAM

2450

"

7/31

2451

Er Jiu Qing

PI 494762

6/13

↓

MAM

2452

"

2453

"

2454

"

6/28

2455

"

2456

"

MAM

Er Jiu Qing

6/13



2457

"

2458

bk 6/28

"

2459

"

2460

Nong Hu 6 Hao

MAM

7/31

2461

"

7/31

2462

bk 10/3

"

8/1

2463

"

8/4

2464

2465	Nong Hu 6 Hao	8/1	MAM
------	---------------	-----	-----

2466	"	7/31	
------	---	------	--

2467	"	7/31	
------	---	------	--

2468	" b/c 10/3	8/2	
------	---------------	-----	--

2469	"	8/2	
------	---	-----	--

2470	"	7/31	
------	---	------	--

2471	Shuang Ai Nuo	7/8	MAM
------	---------------	-----	-----

2472	"	7/8	
------	---	-----	--

MAM

Shuang Ai Nuo

7/8

2473

"

7/8

2474

"

7/9

2475

8/26

"

6K

7/8

2476

"

7/9

2477

"

7/8

2478

"

7/8

2479

"

7/8

2480

mixed row; discarded!

2481

Cho Shan Jing

8/23

MAM

2482

"

8/23

2483

fall, weak, all bled

bk 10/3

8/23

2484

8/23

2485

"

8/23

2486

Wan Xian 9 Hao

8/27

MAM

2487

"

8/27

2488

bk 10/3 lodged

fall, weak, all red, all

8/27

MAM	Wan Xian 9 Hao	8/27	2489
	"	8/27	2490
MAM	Wu Zui Nuo	8/31	2491
	"	8/31	2492
	"	8/31	2493
	" Tall x weak 6K 10/10	8/31	2494
	"	8/31	2495
	"	8/31	2496

2497 Wu Zui Nuo 8/31 MAM

2498 " 10/10 8/31

2499 " 8/31

2500 " 8/31

2501 Dong Tin Wan 7/19

2502 " 7/19

2503 " 8/26 7/19

2504 " 7/18

MAM	Dong Tin Wan	7/18	2505
MAM	Tai Hu Qing	8/24	2506
"	"	8/24	2507
"	"	8/24	2508
"	"	8/24	2509
"	"	8/24	2510
MAM	Ai Da Zhong	8/23	2511
"	"	8/23	2512

2513

Ai Da Zhong

8/23

MAM

2514

"

bk 10/10

8/23

2515

"

8/23

2516

Quin Gan Huang

6/20

MAM

2517

"

Sanidung / 10/10

"

7/22

2518

"

bk

"

2519

"

2520

Ai Huang Zhong

8/6

MAM

MAM	Ai Huang Zhong	8/6	2521
	bk 10/11		
	"	8/6	2522
MAM	Chao Yang 1 Hao	6/13	2523
	"	6/13	
	bk 7/5	6/13	2524
	"	6/13	2525
4960	PI 408449	7/9	2526
		bk 8/6	
Shawn	Waxy LBNT	7/1	2527
	Mutant from 1984 UYN plot of LBNT at Bmt		
	"	7/1	2528

2529 Waxy LBNT

7/1

2530 "

7/1

2531 "

7/1

2532 "

6 1/2

7/1

b/c

2533 "

7/1

2534 "

7/1

2535 "

7/1

2536 "

7/1

Waxy LBNT

7/1

2537

"

7/1

2538

"

7/1

2539

"

bk 8 1/2

7/1

2540

"

7/1

2541

"

7/1

2542

"

7/1

2543

"

7/1

2544

2545	Waxy LBNT	7/1	
2546	LBLE-X2-1	6/26	4981
2547	"	6/27	
2548	" 6K 8/6	6/27	
2549	"	6/27	
2550	"	6/27	
2551	PI 331581	7/2	4989
2552	"	7/2	

PI 331581

2553

 $\frac{7}{2}$ $\frac{8}{16}$

17

2554

11

7/11

2555

RU 7703008

3627

7/2

2556

66

U.S. UHM

 $\frac{7}{2}$

2557

Dem. 48

2/2

712

2558

615

7/1

2559

2560

2561

RU7801007

6/29

4969

2562

"

6/25

2563

move at "Bear LBLE plant type;
HF; purple speckles

6/27

2564

"

bx 7/21

6/27

2565

"

6/27

2566

RU7802003

7/3

3720

2567

dark green; rainbow?;
VUF; speckles; green;
purple at; small part

7/2

8/6

bx

2568

7/1

RU 7802003

7/3

2569

"

7/3

2570

RU 7703012

4988

6/28

2571

"

6/25

2572

LBLF plant =
= single ap
bk 7/25

6/27

2573

6/26

2574

"

6/27

2575

RU 7802098

4971

7/17

2576

RU7802098

2577

7/17

2578

"
late, possibly?; UFL;
colorless sp;
↓

7/17

8/26

bK

2579

7/17

2580

"

7/8

Mixed row
Discarded

RU7603069

2581

7/17

4966

2582

"

7/2

2583

"

8/2

bK

7/2

2584

"

7/3

RU7603069

7/3

2585

RU7402003

4964

6/28

2586

"

6/28

2587

Short normal; AFm; purple sp;
 some tip around; large points;
 granular quite good overall

7/25

6/28

2588

bx

6/28

2589

"

6/28

2590

BB50*2/JJLA

Shown

7/16

2591

"

7/16

2592

2593

BB50*2 / J5LA

7/16

2594

"

7/16

2595

"

7/16

2596

8/16
BK

7/16

2597

"

7/16

2598

"

7/16

2599

"

7/16

2600

"

7/16



39

Fd	BLMT	7/4	2601
Shown	BLMT off-type #1 from 1984 Station Found. Field	7/1	2602
	#2	6/29	2603
	#3	6/29	2604
	#4	6/29	2605
	#5	7/2	2606
	#6	6/30	2607
	#7	7/1	2608

2609	BLMT off-type	#8	7/1
------	---------------	----	-----

2610		#9	7/1
------	--	----	-----

2611		#10	6/28
------	--	-----	------

2612		#11	7/1
------	--	-----	-----

2613		#12	7/4
------	--	-----	-----

2614		#13	7/1
------	--	-----	-----

2615		#14	7/3
------	--	-----	-----

2616		#15	7/4
------	--	-----	-----

Fd	BLMT	7/12	2617
Fd	LMNT	7/18	2618
Shawn	LMNT off-type #1 from foundation field Probably LBLE	6/26	2619
"	#2 Seg. def to N colorless & purple apical	6/30	2620
"	#3 Seg. def to N Colorless & purple ap	6/29	2621
HR	RU8003005	6/28	2622
Shawn	RU8003005 off-type #1 from Head-row block, 54E1 6/18		2623
"	#2	6/21	2624

2625 RU8003005 off-type #3
6/20

2626 LEAH
7/5

bk 8/12

2627 B8131A4 - Bk - 8 - 1 - 4
7/13 2616

2628 -5
7/12

2629 late -6
7/13

2630 -7
7/13

2631 -8
7/13

2632 B8131A4 - Bk - 8 - 2 - 4
7/14 2617

-5

7/14

2633

-6

7/13

2634

late

-7

7/14

2635

-8

7/13

2636

B8131A4-BK-8-5-4

2620

7/13

2637

-5

7/14

2638

-6

7/15

2639

late

-7

7/13

2640

2641

-8
7/13

2642

BS131A4-Bk-14-4-4

7/9

2630

2643

-5
7/6

2644

-6
7/6

2645

-7
7/7

2646

-8
7/7

2647

BS131A4-Bk-15-5-4

7/10

2636

2648

-5
7/10

-6

7/4

2649

-7

7/9

2650

-8

7/9

2651

RU8003050

52

7/4

2652

bks 8/12

B8131A4 - Bk. 37-3-4

2639

7/6

2653

-5

7/11

2654

-6

7/11

2655

-7

7/10

2656

2657

-8

7/10

2658

B8131A4-BK-27-1-4

6/30

2647

✓
2659

-5

6/29

PK

bk 8/12

2660

-6

6/29

2661

-7

6/30

2662

-8

6/29

2663

B8131A4-BK-27-3-4

7/4

2649

2664

-5

7/5

-6

7/2

2665

P/P ✓

b/c 8/12

-7

7/2

2666

-8

7/2

2667

B8131A4-BK-27-4-4

2650

7/3

2668

-5

7/4

2669

-6

7/4

2670

-7

7/4

2671

-8

7/3

2672

P/P ✓

b/c 8/12

2673 LMNT

7/8

Fd

bx 8/12

2674 B8131A4-BK-31-3-4

7/11

2660

2675

-5

7/11

2676

Very short; later

-6

7/11

2677

-7

7/11

2678

-8

7/10

2679

B8131A4-BK-35-1-4

7/2

2663

2680

-5

7/2

-6

7/2

2681

P/p ✓

bk 8/12

-7

7/4

2682

-8

7/4

2683

B8131A4-Bk-35-4-4

2666

7/4

2684

-5

7/4

2685

-6

7/3

2686

P/p ✓

bk 8/12

-7

7/4

2687

-8

7/5

2688

2689	B8131A4-BK-36-5-4	7/8	2672
------	-------------------	-----	------

2690		7/5	
------	--	-----	--

2691	<i>very short leaf; stubby grain</i>	7/8	
------	--	-----	--

2692		7/9	
------	--	-----	--

2693		7/8	
------	--	-----	--

2694	B8131A4-BK-38-4-4	7/13	2682
------	-------------------	------	------

2695		7/13	
------	--	------	--

2696	<i>later</i>	7/12	
------	--------------	------	--

-7

7/10

2697

-8

7/10

2698

2687

B8131A4 - Bk-40-4-4

7/4

2699

-5

7/4

2700

-6

7/2

2701

-7

7/2

2702

-8

7/2

2703

2692

B8131A4 - Bk-43-4-4

7/11

2704

2705

-5

7/12

2706

-6

7/13

potter

2707

-7

7/12

2708

-8

7/12

2709

B8131A4-BK-44-1-4

7/10

2694

85/982

2710

-5

7/9

PIP

bK 8/12

2711

-6

7/11

2712

-7

7/9

-8

7/9

2713

B8131A4 - Bk-46-3-4

2701

7/9

2714

-5

7/10

2715

-6

7/10

2716

-7

7/11

2717

-8

7/10

2718

B8131A4 - Bk-53-3-4

2706

6/30

2719

-5

6/30

2720

2721

-6

6/30

2722

-7

6/30

2723

-8

6/30

2724

SKBT

7/2

Fd

bk 8/2

2725

B8131A4-BK-59-3-4

7/6

2711

85/927

2726

-5

6/30

2727

-6

7/8

2728

-7

7/8

-8

7/1

2729

2720

B8131A4-Bk-65-2-4

6/30

2730

-5

6/29

2731

-6

6/29

2732

-7

6/29

2733

-8

6/29

2734

2725

B8131A4-Bk-66-1-4

6/29

2735

85/928

-5

6/30

2736

2737

-6
6/30

2738

-7
6/29

2739

-8
7/1

PP
BR 8/12

2740

B8131A4-BK-66-5-4
6/28

2729

2741

-5
6/27

2742

-6
6/29

2743

-7
6/29

2744

-8
6/29

B8131A4 - Bk - 68 - 3 - 4

2732

85/983

7/4

2745

-5

7/6

2746

-6

7/4

2747

-7

7/4

2748

Pig

bk 8/12

-8

7/6

2749

BOND

AR Fd

6/28

2750

bk 8/12

B8131A4 - Bk - 72 - 1 - 4

2735

7/1

2751

-5

7/1

2752

2753

-6

7/1

2754

question?

-7

7/1

2755

-8

7/4

2756

B8131A4-BK-74-3-4

7/5

2742

2757

-5

7/3

2758

-6

7/4

✓
pip

2759

-7

7/4

2760

-8

7/5

2743

B8131A4-Bk-74-4-4

85/984

7/7

2761

-5

7/7

2762

-6

7/7

2763

P18

bk 8112

-7

7/6

2764

-8

7/6

2765

2744

B8131A4-Bk-74-5-4

7/1

2766

-5

7/1

2767

-6

7/2

2768

2769

-7

7/2

2770

-8

7/2

pip

br 8/12

2771

B8131A4-BK-75-2-4

7/4

2746

85/929

2772

-5

7/5

2773

-6

7/6

2774

-7

7/3

2775

-8

7/3

2776

LBLE

6/27

Fd

br 8/2

2749

B8131A4-BK-75-5-4

6/27

2777

-5

7/3

2778

-6

7/3

2779

Pip ✓

-7

7/3

2780

-8

7/3

2781

2755

B8131A4-BK-80-5-4

6/28

2782

-5

6/28

2783

-6

6/28

2784

not used

2785

-7

6/28

2786

-8

6/28

✓ PIP

2787

B8131A4 - Bk - 83 - 1 - 4

7/10

2756

✓ PIP

2788

-5

7/5

2789

Auto

-6

7/8

2790

-7

7/5

2791

-8

7/7

2792

B8131A4 - Bk - 87 - 2 - 4

7/10

2762

-5

7/10

2793

P/10

bk 8/12

-6

7/10

2794

-7

7/9

2795

-8

7/8

2796

B8131A4-BK-88-3-4

2768

7/10

2797

-5

7/10

2798

P/10

bk 8/12

-6

7/11

2799

-7

7/9

2800

2801

-8

7/11

2802

B8131A4-Bk-90-3-4

7/12

2773

2803

-5

7/11

2804

-6

7/11

Observation

2805

-7

6/30

2806

-8

6/30

2807

B8131A4-Bk-91-3-4

7/5

2779

2808

-5

7/4

-6

7/4

2809

P/P ✓

-7

7/5

2810

-8

7/4

2811

B8131A4-BK-91-4-4

2780

7/5

2812

-5

7/5

2813

P/P ✓

BIC 8/12

-6

7/5

2814

-7

7/5

2815

-8

7/4

2816

2817	B8131A4-Bk-99-1-4 85/985	7/5	2787
------	-----------------------------	-----	------

2818		-5 7/5	
------	--	-----------	--

2819		-6 7/5	
------	--	-----------	--

2820		-7 7/5	
------	--	-----------	--

✓ P/p
bk 8/12

2821		-8 7/5	
------	--	-----------	--

2822	B8131A4-Bk-99-5-4	6/29	2791
------	-------------------	------	------

2823		-5 6/28	
------	--	------------	--

2824		-6 6/29	
------	--	------------	--

-7

6/30

2825

-8

6/27

2826

AR Fd

TBNT

6/26

2827

bk 8/2

2796

B8131A4-BK-101-5-4

7/8

2828

-5

7/4

2829

✓
up

bk 8/2

-6

7/10

2830

-7

7/11

2831

-8

7/2

2832

2833

B8131A4-BK-103-2-4

6/30

2798

2834

-5

6/28

2835

-6

7/1

✓ PIP

2836

-7

7/2

2837

-8

6/28

2838

B8131A4-BK-105-5-4

7/10

2806

2839

-5

7/9

2840

-6

7/5

✓ PIP

BK 8/12

-7

7/11

2841

-8

7/9

2842

B8131A4-BK-106-4-4

2810

7/4

2843

-5

7/2

2844

P/r ✓

-6

7/3

2845

-7

7/3

2846

-8

7/3

2847

LEAH

35

7/5

2848

bk 8/12

2849	B8131A4-Bk-III-3-4	6/28	2819
------	--------------------	------	------

2850	-5	6/29	
------	----	------	--

2851	-6	6/29	
------	----	------	--

2852	-7	6/29	
------	----	------	--

2853	-8	6/28	
------	----	------	--

2854	B8131A4-Bk-III-5-4	6/29	2821
✓ PIP bk 8/12			

2855	-5	6/29	
------	----	------	--

2856	-6	6/29	
------	----	------	--

-7

6/29

2857

-8

7/11

2858

B8131A4-BE-115-5-4

2827

7/3

2859

-5

7/11

2860

pip ✓

-6

7/11

2861

-7

7/3

2862

-8

7/9

2863

B8131A4-BE-118-3-4

2830

4/30

2864

2865

-5

7/1

2866

-6

7/1

2867

-7

7/1

2868

-8

7/1

2869

B8131A4-BK-141-1-4

6/30

2837

85/930

2870

-5

6/30

2871

-6

6/29

2872

-7

7/1

-8

7/1

2873

P/P

LBNT

Fd

7/1

2874

bk 8/2

B8131A4-BK-143-4-4

2842

7/5

2875

error bk

-5

7/4

2876

-6

7/5

2877

-7

7/4

2878

P/P

-8

7/12

2879

B8131A4-BK-121-4-4

2846

7/1

2880

2881

-5

6/29

2882

-6

6/30

2883

-7

7/4

✓
p/p

2884

-8

7/3

2885

BB131A4-BK-125-2-4

6/29

2849

2886

-5

7/4

2887

-6

6/30

2888

-7

7/1

-8

 $\frac{1}{2}$

2889

2852

B8131A4-BK-125-5-4

 $\frac{1}{4}$

2890

-5

 $\frac{1}{2}$

2891

-6

 $\frac{1}{2}$

2892

-7

 $\frac{1}{4}$

2893

-8

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B8131A4-BK-134-1-4

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B8131A4-Bx-136-2-4

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B8131A4-BK-136-5-4

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B8131A4-BK-141-3-4

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B8131A4-BK-120-2-4

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B8131A4-BK-120-4-4

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B8131A4-BK-150-3-4

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B8131A4-BK-151-4-4

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PIP

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B8131A4-BK-153-2-4

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PIP

bik 8/12

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bk 8/12

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B8131A4-BK-160-1-4

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B8131A4-BK-171-4-4

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B8131A4-BK-177-4-4

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B8131A4-BK-179-2-4

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bk 8/12			
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2979		-5 6/29	
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2982		-8 6/29	
2983	B8131A4-Bk-187-3-4 ✓ p/p bk 8/12	6/30	2964
2984		-5 6/29	

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B8131A4-BK-189-5-4

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B8131A4-BK-194-2-4

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3017

B8131A4-Bk₂-3-4

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3011	B8131A4-Bk ₂ -19-4	7/12	3050
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3014	B8131A4-Bk ₂ -22-4	7/13	3055
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br 8/12
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B8131A4-PK2 23-4

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B8131A4 - Bk₂ - 26 - 4

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B8131A4-B₂-29-4

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B8131A4-BK₂-37-4

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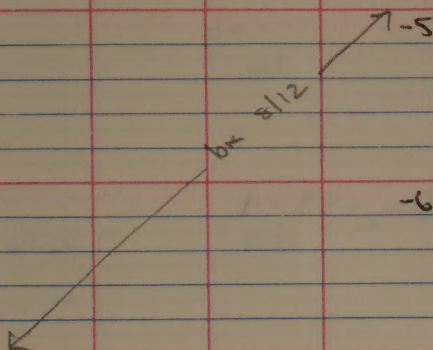
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B8131A4-BK₂-45-4

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B8131A4 - B₂ - 47 - 4

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3131

B8131A4-Bk₂-49-4

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3132

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3133

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3134

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3135

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3136

3137	B8131A4-BK ₂ -52-4	7/4	3045
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3138		-5 7/2	
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3139		-6 7/2	
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3140		-7 7/1	
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3142	B8131A4-BK ₂ -53-4	7/6	3046
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3143		-5 7/9	
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3144		-6 7/9	
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B8131A4-13K₂-59-4

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B8131A4-Bk₂-63-4

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✓
pip
bik 8/12
3160

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3162

B8131A4-Bk₂-64-4

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B8131A4-Bk₂-89-4

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3201	B8131A4-Bk ₂ -94-4	7/1	3089
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3202	-5	7/1	
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3203	-6	7/1	
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3204	-7	7/1	
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3205	-8	7/1	
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3206	B8131A4-Bk ₂ -95-4	6/28	3090
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3207	-5	6/29	
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3208	-6	6/29	
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B8131A4-BK₂-100-4

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B8131A4-BK₂-101-4

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B8131A4-Bk₂-104-4

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✓
pip

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B8131A5-Bk₂-116-4

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3250

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RU8003009

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3253

B8131A4-Bk₂-120-4

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3255

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3256

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3257

B8131A4-BK₂-122-4

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B8131A4-BK₂-128-4

3123

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B8131A4 - BK₂ - 130 - 4

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B8131A4-BK₂-132-4

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B8131A4-BK₂-136-4

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B8131A4-Bic₂-137-4

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3134	B8131A4-Bk ₂ -138-4	6/29	3289
	-5	6/28	3290
	-6	6/28	3291
	-7	6/28	3292 ✓ P/P
	-8	6/29	3293
3137	B8131A4-Bk ₂ -141-4	7/2	3294
	-5	7/3	3295 ✓ P/P
	-6	7/8	3296

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B8131A4-Bk₂-146-4

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B8131A4-Bk₂-163-4

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6/28

3344

3345	B8131A4-Bk ₂ -16T-4 6/29	3164
3346	-5 6/29	
3347	-6 7/1	
✓ PIP bk 8/12		
3348	-7 6/30	
3349	-8 7/1	
3350	LMNT 7/6	Fd
bk 8/6		
3351	RU8303046 7/2	46
bk 8/6		
3352	RU8303169 7/2	32
bk 8/6		

B8131A4 - B_{K2} - 173 - 4

3170

7/2

3353

-5

6/29

3354

-6

6/30

3355

e/p

-7

6/30

3356

-8

6/29

3357

B8131A4 - B_{K2} - 177 - 4

3174

6/29

3358

-5

6/29

3359

-6

6/29

3360

3361

-7

6/29

3362

-8

6/27

✓
P/P
3363B8131A4-Bk₂-182-4

7/1

3180

3364

-5

7/2

3365

-6

6/30

✓
P/P
3366

-7

7/1

3367

-8

7/2

3368

B8131A4-Bk₂-184-4

6/30

3182

-5

6/29

3369

-6

6/30

3370

✓
p/p

bk 8/12

-7

7/7

3371

-8

6/30

3372

3/84

B8131A4 - Bk₂ - 186 - 4

7/1

3373

✓
p/p

-5

6/30

3374

-6

7/1

3375

-7

7/2

3376

3377

-8

7/2

3378

DAWN

7/11

15425

bk 8/12

3379

B8131A4-Bk₂-194-4

6/30

3192

✓ PD

bk 8/12

3380

-5

7/11

3381

-6

6/29

3382

-7

7/2

3383

-8

6/29

3384

B8131A4-Bk₂-196-4

7/2

3194

-5

7/1

3385

-6

7/1

3386

-7

7/1

3387

8/10 ✓

-8

7/1

3388

B8131A4-B_{x2}-202-4

3200

7/1

3389

-5

7/1

3390

-6

7/2

3391

8/10 ✓

-7

7/1

3392

3393

-8

7/1

3394

B8131A4-Bk₂-205-4

7/1

3203

3395

-5

6/29

3396

-6

7/3

3397

-7

7/1

3398

-8

7/3

✓ PIP

3399

B8131A4-Bk₂-206-4

7/6

3204

3400

-5

7/3

-6

7/1

3401

-7

7/1

3402

-8

6/30

3403

P/P ✓

3209

B&BIA4-Bk₂-211-4

7/8

3404

-5

7/7

3405

-6

7/5

3406

-7

7/6

3407

-8

7/5

3408

P/P

b/c 8/12

3409

B8131A4-Bk₂-214-4

7/7

3212

3410

-5

7/7

3411

✓ P/P

good leaf

b/c 8/12

-6

7/7

3412

later leaf

-7

7/9

3413

-8

7/8

3414

B8131A4-Bk₂-218-4

7/3

3216

3415

-5

7/4

3416

✓ P/P

-6

7/3

-7

7/3

3417

-8

7/2

3418

B8131A4 - Bk₂ - 220 - 4

3218

7/9

3419

-5

7/7

3420

-6

7/6

3421

-7

7/6

3422

-8

7/7

3423

LBLE - X2 - 2

3800

630

3424

bk 8/6

3425

B8131A4-Bk₂-221-4

7/6

3219

3426

-5

7/5

3427

-6

7/5

3428

-7

7/6

3429

-8

7/5

✓
pip

bk 8/12

3430

B8131A4-Bk₂-228-4

6/29

3227

3431

-5

6/27

✓
pip

3432

-6

6/28

-7

6/28

3433

-8

6/28

3434

3230

B8131A4 - Bk₂ - 231 - 4

6/30

3435

-5

6/30

3436

-6

6/30

3437

-7

6/30

3438

-8

6/30

3439

3231

B8131A4 - Bk₂ - 232 - 4

7/3

3440

3441

-5

7/8

3442

-6

7/2

✓
P₁₇

bk 8/12

3443

-7

7/7

3444

-8

7/7

3445

B8131A4-Bk₂-241-4

7/6

3240

3446

-5

7/5

3447

-6

7/7

3448

-7

7/6

-8

7/6

3449

✓
p/p

b/c 8/12

CB801

CB

7/12

3450

Thresh too early?

b/c 8/12

B8131A4-B_{K2}-247-4

3246

6/29

3451

-5

6/29

3452

-6

6/29

3453

Very short leaf

-7

6/30

3454

-8

7/1

3455

B8131A4-B_{K2}-253-4

3253

7/1

3456

3457

-5

6/30

3458

-6

6/30

3459

-7

6/30

3460

-8

7/1

✓
pip

3461

B8131A4-Bk₂-263-4

6/29

3263

3462

-5

6/28

3463

-6

6/29

3464

-7

6/29

-8

6/30

3465

✓
8/10

3271

B8131A4-BK₂-271-4

7/7

3466

-5

7/9

3467

-6

7/10

3468

later

-7

7/9

3469

-8

7/8

3470

3277

B8131A4-BK₂-276-4

6/28

3471

-5

6/28

3472

11/10 ✓

3473

-6

6/28

3474

-7

6/27

3475

-8

6/27

3476

ELBL

destroyed by bird

6/16

5775

3477

B8131A4-BK₂-278-4

7/5

3279

3478

-5

7/5

✓ P/p
bk 8/12

3479

-6

7/2

3480

-7

7/6

-8

7/7

3481

B8131A4-Bk₂-282-4

3283

7/1

3482

-5

6/30

3483

B/P ✓

-6

7/1

3484

-7

7/1

3485

-8

6/30

3486

B8131A4-Bk₂-301-4

3302

7/1

3487

-5

7/1

3488

3489

-6

6/28

3490

-7

6/30

3491

-8

6/30

3492

BS131A4-Bk₂-303-4

7/1

3304

3493

-5

7/1

3494

-6

7/1

3495

-7

6/29

P/p

3496

-8

7/1

B8131A4-BK2-306-4

3307

7/1

3497

-5

7/1

3498

P/p ✓

bk 8/12

-6

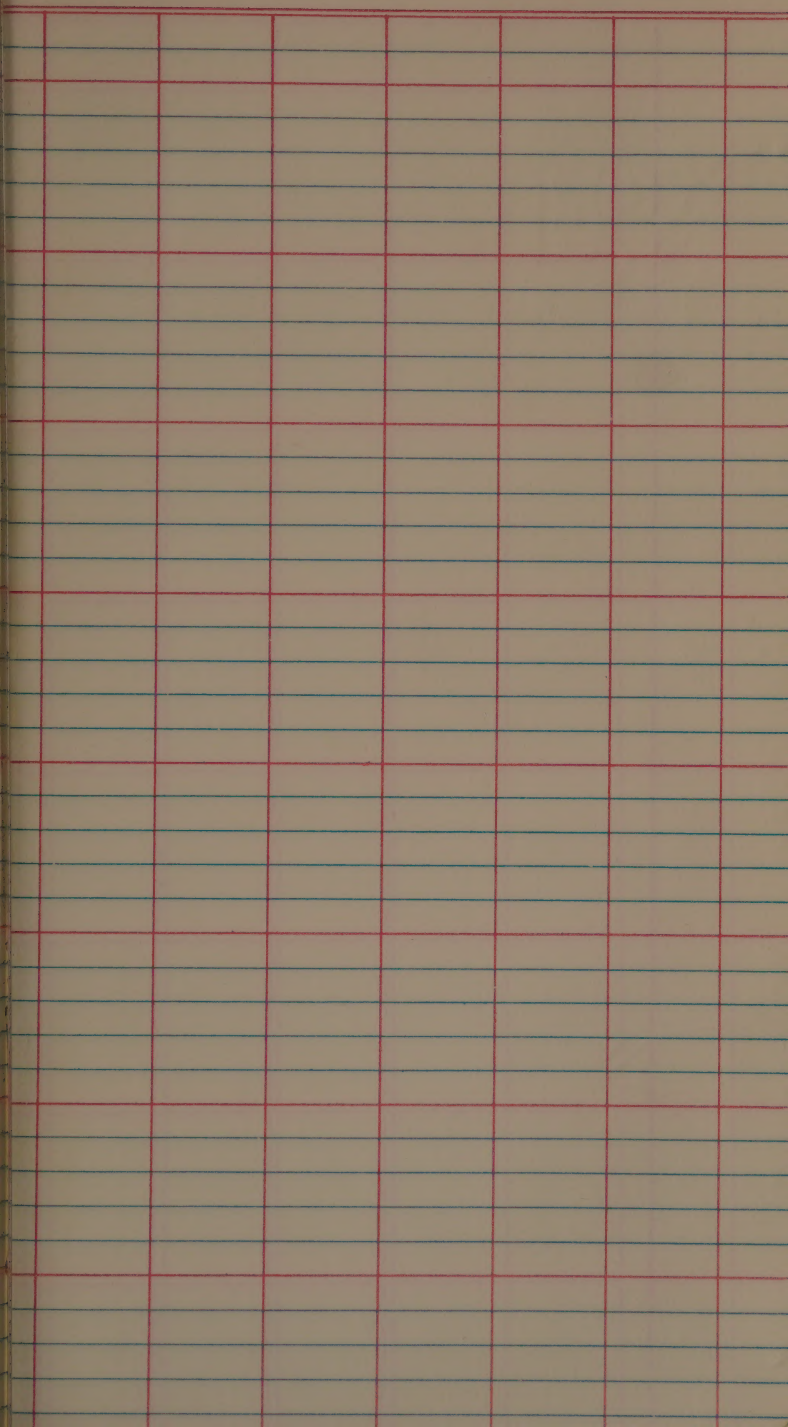
7/2

3499

-7

7/4

3500



OK

B8131A = LEAH / 8003050

25 JUN 10

Z 61-62

2 1 1 2 5 1

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK

AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

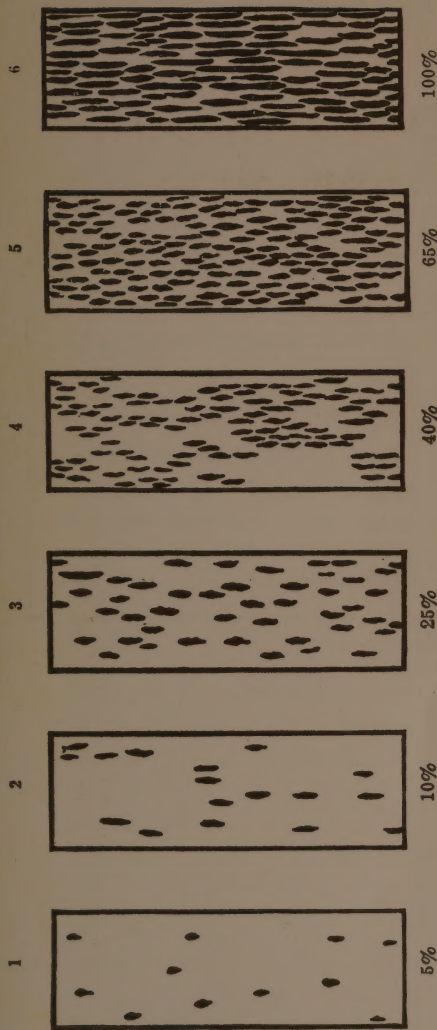
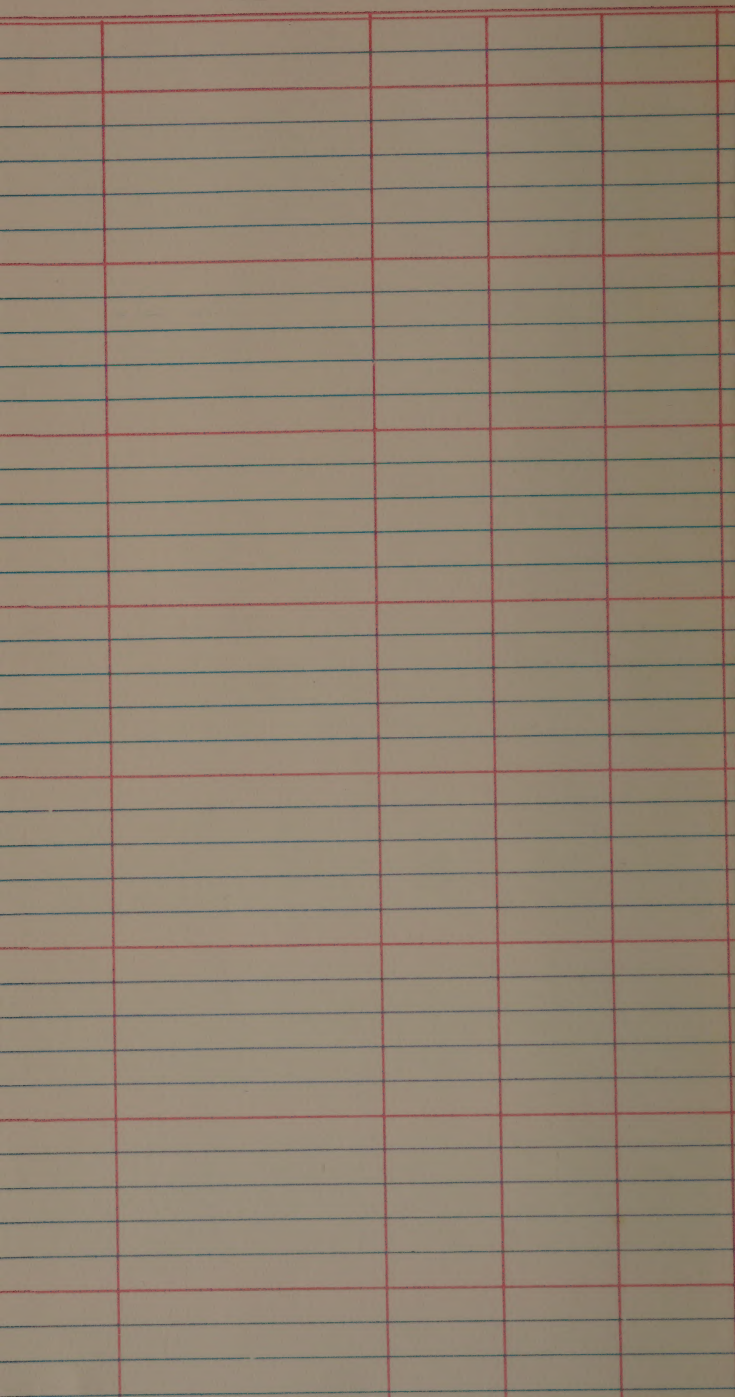
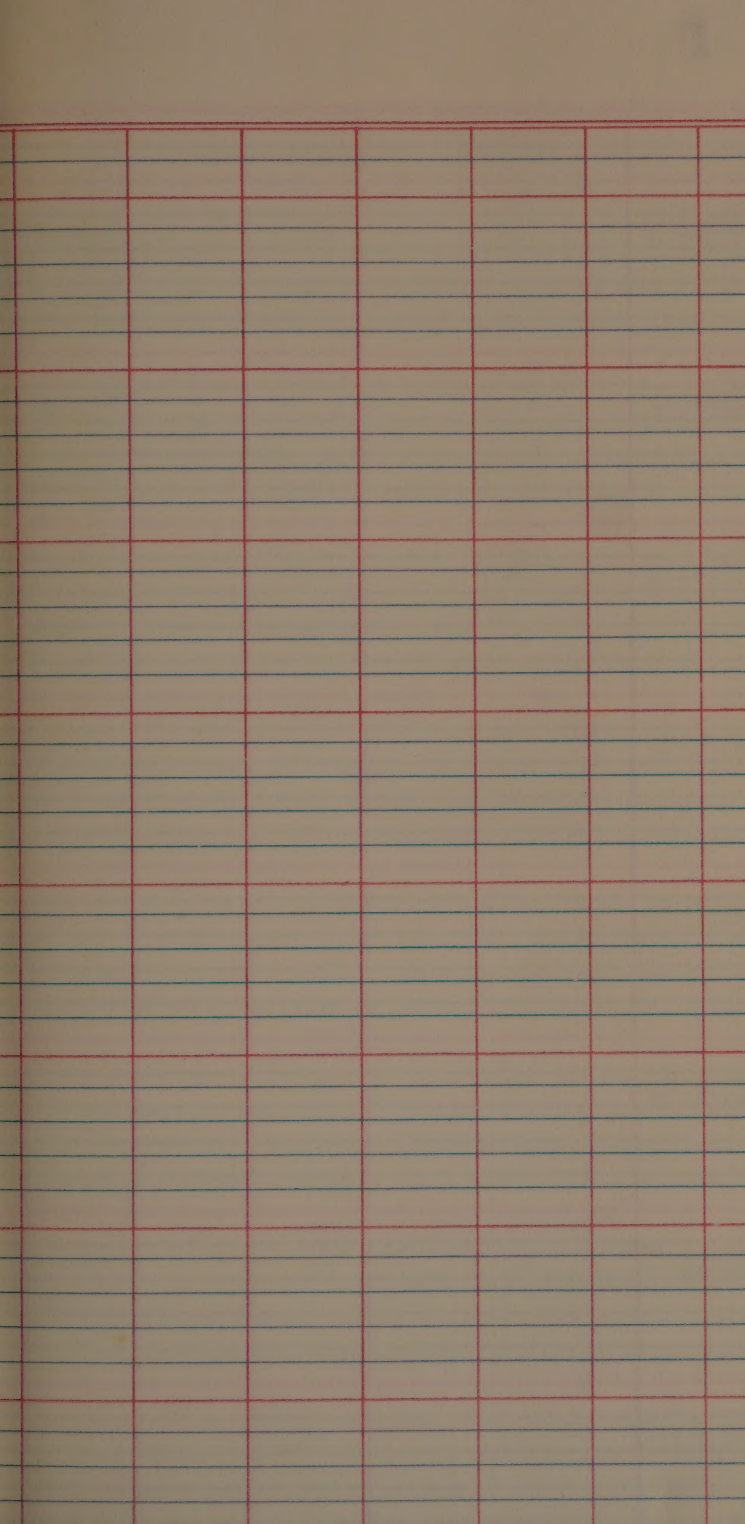


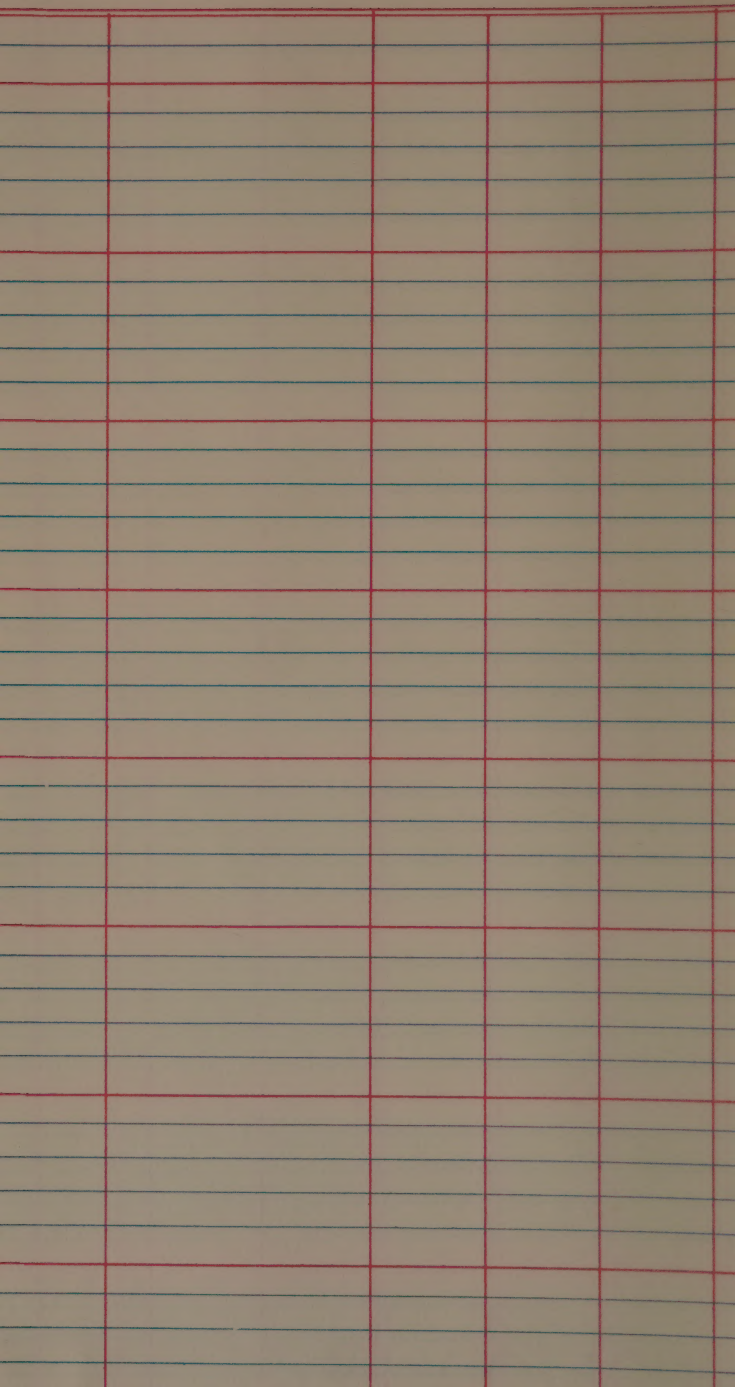
Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

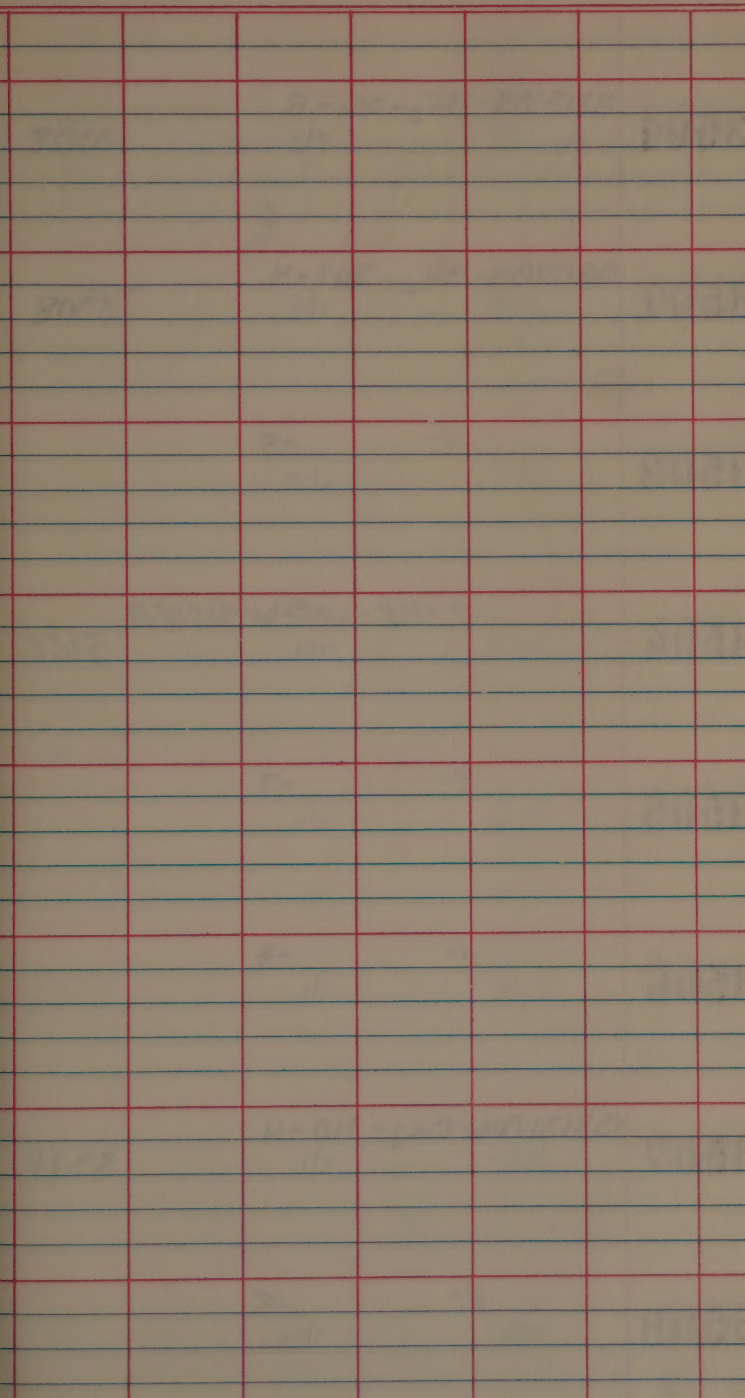
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.









3501	B8131A4-Bk ₂ -306-8 7/3	3307
------	---------------------------------------	------

3502	B8131A4-Bk ₂ -307-4 7/2	3308
------	---------------------------------------	------

3503	-5 6/29	
------	------------	--

3504	-6 7/4	
------	-----------	--

3505	-7 7/2	
------	-----------	--

3506	-8 7/2	
------	-----------	--

3507	B8131A4-Bk ₂ -310-4 7/1	3311
------	---------------------------------------	------

3508	-5 7/3	
------	-----------	--

-6

7/1

3509

fall

-7

7/2

3510

-8

7/1

3511

33/2

B8131A4-Bk2-311-4

6/30

3512

-5

6/28

3513

-6

6/28

3514

-7

6/27

3515

-8

6/28

3516

3517

B8131A4-BK2-314-4

6/29

3315

3518

-5

6/28

3519

-6

6/30

3520

-7

7/1

3521

-8

7/1

✓ PR

3522

1B1E-X2-1

6/29

4981

bk 8/12

3523

B8131A4-BK2-320-4

7/1

3321

3524

-5

7/1

✓ PR
bk 8/13

-6

7/1

3525

-7

6/30

3526

-8

6/30

3527

B8131A4-BK2-322-4

3323

6/28

3528

-5

6/29

3529

-6

6/30

3530

Pip ✓

-7

7/1

3531

-8

6/30

3532

3533

B8131A4-Bk₂-325-4

6/30

3327

3534

-5

6/29

✓
PR

3535

-6

7/1

3536

-7

6/28

3537

-8

7/2

3538

B8131A4-Bk₂-327-4

6/28

3329

3539

-5

6/28

3540

-6

6/28

-7

6/29

3541

-8

6/29

3542

B8131A4-BK2-329-4

3331

6/28

3543

-5

6/27

3544

-6

6/28

3545

-7

6/28

3546

-8

6/29

3547

Op ✓

BK 8/13

RU8403144

7/2

3548

BK 8/6

3549	B8131A4-Bk ₂ -331-4 6/24	3333
------	--	------

3550	-5 6/22	
------	------------	--

3551	-6 6/22	
------	------------	--

3552	-7 6/23	
------	------------	--

3553	-8 6/23	
------	------------	--

3554	B8131A4-Bk ₂ -334-4 6/28	3336
------	--	------

3555	-5 6/28	
------	------------	--

3556	-6 6/27	
------	------------	--

-7

6/27

3557

pp ✓

-8

6/28

3558

B8131A4-BK2-337-4

3339

7/2

3559

-5

7/4

3560

ex section?

-6

7/3

3561

pp ✓

-7

7/4

3562

-8

7/3

3563

B8131A4-BK2-340-4

3342

7/8

3564

3565

7/8

-5

3566

7/9

-6

3567

7/8

-7

✓
p/p

bk 8/13

3568

7/11

-8

3569

B8131A4-Bk₂-345-4

6/29

3347

3570

6/29

-5

3571

7/11

-6

3572

6/29

-7

-8

6/30

3573

RU8403113

6/26

3574

bk 8/6

B8131A4-BK2-347-4

3349

6/28

3575

-5

6/27

3576

-6

6/26

3577

-7

6/27

3578

-8

6/27

3579

B8131A4-BK2-348-4

3351

6/26

3580

3581

-5

6/27

3582

-6

6/25

3583

-7

6/25

3584

-8

6/25

3585

B8131A4-BK2-352-4

6/30

3355

3586

-5

6/30

3587

-6

6/30

3588

-7

6/30

-8

6/29

3589

B8131A4-Bk₂-358-4

3361

6/28

3590

-5

6/28

3591

-6

6/29

3592

Pip

-7

6/28

3593

-8

6/29

3594

B8131A4-Bk₂-364-4

3361

6/28

3595

-5

6/30

3596

3597

-6

7/1

3598

-7

6/30

✓
pip
3599

-8

7/2

3600

B8131A4-BK₂-365-4

7/4

3368

3601

-5

6/30

✓
pip
3602

-6

6/30

3603

-7

6/30

3604

-8

6/30

3370

B8131A4-Bk₂-367-4

6/30

3605

-5

6/29

3606

-6

6/28

3607

-7

6/30

3608

-8

6/30

3609

P/p ✓

3373

B8131A4-Bk₂-370-4

6/29

3610

-5

6/29

3611

-6

6/28

3612

3613

-7

6/28

✓ P/p

very good leaf

BK 8/13

3614

-8

6/28

3615

B8131A4-BK₂-373-4

6/27

3377

3616

-5

6/30

3617

-6

6/30

3618

-7

6/29

3619

-8

6/29

3620

B8131A4-BK₂-376-4

6/28

3380

✓ P/p

-5

6/27

3621

-6

6/28

3622

-7

6/28

3623

-8

6/28

3624

4975

CI 9902

7/13

3625

shatters ??

bk 5/13

3383

B8131A4-Bk₂-379-4

6/24

3626

-5

6/21

3627

-6

6/22

3628

3629

-7

6/23

3630

-8

6/23

3631

B8131A4-Bk₂-382-4

6/28

3386

3632

-5

6/28

3633

-6

6/29

3634

-7

6/29

3635

-8

6/30

3636

B8131A4-Bk₂-384-4

7/1

3388

-5

7/1

3637

-6

7/2

3638

-7

6/30

3639

-8

6/30

3640

3390

B8131A4-Bk₂-386-4

6/30

3641

-5

6/29

3642

✓
P/p

bk 8/13

-6

6/30

3643

-7

4/30

3644

3645

-8

6/30

3646

B7513A1-BK₂-2-5-1-5-1

6/27

3405

3647

-2

7/2

3648

-3

6/28

3649

-4

7/4

3650

-5

7/4

✓ PIP

3651

IBLE

6/27

Fd

bk 8/6

3652

B7513A1-BK₂-4-1-4-5-

7/2

3410

7/2

3653

PP ✓

bx 8/13

7/1

3654

good surf

7/2

3655

6/28

3656

3416

BT513A1-BK2-12-3-3-1-

7/6

3657

7/6

3658

7/6

3659

*later but very good surf
fraction?*

7/7

3660

PP ✓

bx 8/13

3661

7/8

3662

B7513A1-Bk₂-17-4-3-5-

7/6

3425

3663

7/6

3664

7/6

3665

7/6

✓
8/8

3666

7/6

3667

B7513A1-Bk₂-19-3-2-3-

7/6

3429

3668

7/6

7/6

3669

7/5

3670 ✓

p/p

7/5

3671

B7513A1-Bk₂-28-2-3-5-

3436

7/10

3672

7/9

3673

7/13

3674

7/11

3675

7/11

3676

3677	SKBT	7/3	Fd
------	------	-----	----

bk 8/6

3678	B7513A1-Bk ₂ -30-2-3-2-	7/2	3438
------	------------------------------------	-----	------

3679		7/2	
------	--	-----	--

✓ PIP
bk 8/13

3680		7/2	
------	--	-----	--

very good stuff

3681		7/2	
------	--	-----	--

3682		7/3	
------	--	-----	--

3683	B7513A1-Bk ₂ -31-3-5-5-	7/11	3446
------	------------------------------------	------	------

3684		7/11	
------	--	------	--

7/10

3685

7/11

3686

7/11

3687

B7513A1-B_{K2}-34-1-3-3-

3449

7/8

3688

7/8

3689

7/6

3690

p/p

bx 8/13

7/6

3691

7/6

3692

3693

B7513A1-Bk₂-36-4-2-2-

7/8

3454

3694

7/10

3695

7/11

3696

7/9

3697

7/8

3698

B7513A1-Bk₂-43-5-2-5-

7/9

3462

3699

7/8

3700

7/11

7/8

3701

7/8

3702

B7513A1-Bk₂-44-5-1-5-

3467

7/5

3703

7/11

3704

7/9

3705

7/7

3706

7/9

3707

B7513A1-Bk₂-44-3-1-4-

3471

7/5

3708

3709

7/7

3710

7/4

700x 24x100

3711

7/5

3712

7/3

3713

B7513A1-Bk₂-50-4-1-3-

7/6

3476

3714

7/4

3715

7/5

3716

7/5

7/6

3717

B7513A1-B_{K2}-56-5-3-4-

3482

7/3

3718

7/4

3719

7/3

3720

7/6

3721

7/6

3722

B7513A1-B_{K2}-60-4-4-2-

3490

7/3

3723

7/4

3724

3725

7/3

3726

7/4

3727

7/4

3728

LBNT

7/3

Fd

3729

BT513A1-Bk₂-73-5-4-3-

7/4

3496

3730

7/7

3731

7/8

3732

7/9

7/9

3733

B7513A1-Bk₂-88-2-5-5-

3503

7/6

3734

7/5

3735

7/8

3736

7/5

3737

P/P

bk 8/13

7/5

3738

B7513A1-Bk₃-10-1-4-

3507

7/1

3739

7/5

3740

3741

716

✓ P/p

bk 8/13

3742

715

3743

715

3744

B7513A1-Bk3-17-5-4-

717

3512

3745

7111

3746

716

3747

719

3748

718

✓ P/p

bk 8/13

Fd

LMNT

7/6

3749

bk 8/6

3518

B7513A1-Bk₃-23-5-5-

7/5

3750

7/4

3751

7/5

3752

7/7

3753

✓
P/p

bk 8/13

7/7

3754

3521

B7513A1-Bk₃-30-5-3-

7/1

3755

7/1

3756

3757		7/1	
3758		7/1	
3759		7/1	
3760	PI 408449	7/8	4960
3761	D8130A5-BK-5-1-4	6/27	5006
3762		-5 7/2	
3763		-6 6/27	
3764		-7 6/27	

-8

6/29

3765

B8130A5-BK-5-4-4

5009

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3770

P/P

BK 8/13

B8130A5-BK-6-3-4

5013

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3773

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3774

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✓
PR
bk 8/13

3776

B8130A5-BK-8-5-4

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3779

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3780

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✓
PR

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B8130A5-BK-12-5-4

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3781

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3785

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B8130A5-BK-15-5-4

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3789

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B8130A5-BK-19-1-4

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3796

B8130A5-BK-23-4-4

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5056

Seeded: 4/10/85

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3797

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3798

8/10[✓]

bk 8/13

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3799

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3800

B8130A5-BK-27-5-4

5062

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3801

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3802

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3804

3805		-8 7/6		
3806	B8130A5-Bk-34-1-4	7/7	5074	
3807		-5 7/4		
3808		-6 7/8		
3809		-7 7/10		
3810		-8 7/11		
✓ pk				
3811	B8130A5-Bk-35-3-4	6/27	5081	
3812		-5 6/28		

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3813

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3815

✓
P/P

B8130A5-BK-35-4-4

5082

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3816

✓
P/P
bk 313

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B8130A5-BK-38-1-4

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5094

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✓
P/p

3825

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LEAH

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bk 8/6

3827

B8130A5-BK-40-5-4

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5103

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3830

pip ✓

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3831

B8130A5-Bk-42-3-4

5106

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3832

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3834

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3835

pip ✓

bk 8/13

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3837

B8130A5-BK-42-5-4

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5108

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✓ 8/18

3842

B8130A5-BK-47-4-4

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5117

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3844

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✓ PP

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3845

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3846

B8130A5-BK-48-4-4

5122

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3847

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3848

bp ✓

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3851

R08303169

32

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3852

BK 8/6

3853

B8130A5-BK-49-3-4

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5127

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✓
pip
bk 8/13

3855

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B8130A5-BK-56-3-4

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5142

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✓
pip
bk 8/13

3860

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3861

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B8130A5-BK-56-4-4

5143

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3866

bx 813

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3867

B8130A5-BK-57-2-4

5146

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3869

✓ PP

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3873

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119

bk 8/6

3874

B8130A5-BK-64-1-4

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5161

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B8130A5-BK-65-5-4

5170

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3880

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3883

Pp ✓

B8130A5-BK-72-4-4

5180

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3889

B8130A5-BK-73-2-4

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5183

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3893

B8130A5-Bx-81-3-4

5199

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3897

up ✓

bk 8113

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3898

B8130A5-Bx-83-1-4

5202

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3900

3901

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3902

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✓
PIP

3903

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3904

B8130A5-BK-83-5-4

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5206

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3906

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Very short
good question

3907

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3908

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✓
PIP

B8130A5-BK-85-3-4

5209

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B8130A5-BK-85-4-4

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Pip[✓]

bk 813

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3916

3917		-7 7/2	
3918		-8 7/2	
3919	B8130A5-BK-90-5-4	7/12	5221
3920		-5 7/8	
3921	✓ Pp bk 8/13	-6 7/8	
3922		-7 7/11	
3923		-8 7/10	
3924	BOND	6/29	AR Fd
	bk 8/13		

5223

B8130A5-Bk-91-2-4

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P/P ✓

bk 8113

5226

B8130A5-Bk-91-5-4

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P/P ✓

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711

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B8130A5-BK-94-1-4

712

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713

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B8130A5-BK-97-3-4

715

5245

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Pp ✓

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B8130A5-Bk-102-5-4

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Pp ✓

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AR Fd

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3951

B8130A5-BK-111-3-4

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5266

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✓ R/P

3956

B8130A5-BK-115-2-4

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5270

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B8130A5-Bk-120-4-4

5283

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3961

P/p
bk 8113 ✓

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3962

P/p
✓

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3965		7/4	
3966	B8130A5-BK-121-3-4	6/30	5287
		-5	
3967		6/29	
✓ PP			
		-6	
3968		7/1	
		-7	
3969		6/30	
		-8	
3970		7/8	
3971	B8130A5-BK-129-3-4	7/10	5307
		-5	
3972		7/6	

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3973

Pip

bk 8/13

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bk 8/6

B8130A5-BK-133-2-4

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Pip

bk 8/13

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B8130A5-BK-134-4-4

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✓ 3984

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B8130A5-BK-136-1-4

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3989

Pp ✓

bx 8/13

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3990

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3991

B8130A5-Bx-140-2-4

5327

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3992

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3995

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3996

later, pass
 of section

3997

B8130A5-Bk-141-4-4

7/11

5334

3998

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3999

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4000

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4001

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4002

B8130A5-Bk-142-4-4

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5339

4003

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4004

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4005

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4006

B8130A5-BK-143-2-4

5342

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4007

p/p
bx 8/14

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4008

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4009

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4010

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4011

B8130A5-BK-145-5-4

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4012

4013

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4014

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4015

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4016

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4017

B8130A5-BK-146-4-4

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4018

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4019

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poor separation

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B8130A5-BK-148-4-4

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NWBT

AR Fd

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bk 8/14

B8130A5-BK-151-1-4

5362

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B8130A5-BK-156-3-4

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5369

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4037

P/p

b/c 8/14

B8130A5-Bx-160-5-4

5376

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4038

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4039

P/p ✓

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B8130A5-Bx-161-5-4

5382

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4043

★ P/p ✓

b/c 8/14

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4045	7/1	-6
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4046	7/9	-7
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4047	7/1	-8
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4048	B8130A5 - Bk - 164 - 1 - 4 7/3	5383
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4049	7/4	-5
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4050	7/6	-6
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✓
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4051	7/1	-7
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4052	7/2	-8
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bK 8/6

B8130A5-BK-165-5-4

5392

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4056

P/V

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4057

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4058

B8130A5-BK-166-2-4

5394

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4059

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bK

4061

✓ pip ↗

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7/2

4062

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4063

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4064

B8130A5-BK-171-1-4

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5398

4065

-5
7/4

4066

✓ pip

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4067

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4068

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5407

B8130A5-BK-174-5-4

7/2

4069

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4071

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4072

✓
P/P

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4073

Fd

SKBT

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4074

bk 8/6

5408

B8130A5-BK-179-1-4

7/1

4075

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4076

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4080

B8130A5-Bx-180-1-4

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5413

4081

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4084

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B8130A5-Bk-182-2-4

5419

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4089

✓
P/P

B8130A5-Bk-190-4-4

5432

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4090

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4091

✓
P/P

bK 8/14

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B8130A5-Bk-192-1-4

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5434

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4100

B8130A5-Bk-192-2-4

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5435

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4101

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4102

late

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4103

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4104

B8130A5-B-193-5-4

5443

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4105

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4106

-6

7/11

4107

✓
p/p

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7/14

4108

4109

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4110

B8130A5-Bk-195-5-4

6/28

5448

4111

-5

6/30

4112

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4113

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✓ pip

4114

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4115

B8130A5-Bk₂-3-4

7/2

5452

4116

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7/3

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4117

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4118

✓
P/R

bx 8/14

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4119

B8130A5-B1₂-9-4

5458

7/1

4120

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4121

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7/3

4122

-7

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4123

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7/3

4124

✓
P/R

4125	LMNT	7/10	Fd
bk 8/14			
4126	B8130A5-BK ₂ -11-4	7/1	5460
4127		-5 7/1	
4128		-6 7/1	
4129		-7 7/2	
4130		-2 7/1	
✓ PIP			
4131	B8130A5-BK ₂ -17-4	7/4	5466
✓ PIP BH			
4132		-5 7/4	

-6

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4133

-7

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4134

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4135

B8130A5-B₂-20-4

5469

6/30

4136

-5

7/3

4137

-6

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4138

✓
P/10

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4139

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4140

B8130A5-Bk₂-21-4

4141

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5470

4142

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4143

very short; sp. thin?

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4144

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4145

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4146

B8130A5-Bk₂-25-4

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5474

4147

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4148

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4149

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4150

RA.

P/p ✓

BLMT

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4151

bk 8/14

B8130A5-Bk₂-28-4

5478

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4152

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4153

P/p ✓

bk 8/14

-6

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4154

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4155

-8

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4156

4157	B8130A5-B _{K2} -30-4	7/5	5480
4158		-5 7/8	
4159		-6 7/7	
4160		-7 7/4	
4161		-8 7/6	
✓ P/P			
4162	B8130A5-B _{K2} -37-4	7/2	5487
4163		-5 7/5	
4164		-6 7/5	

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4165

-8

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4166

p/p

B8130A5-Bk₂-40-4

5490

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4167

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4168

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4169

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4170

p/p

bk 8/14

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4171

B8130A5-Bk₂-45-4

5495

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4172

4173

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4174

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4175

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✓ PIP

4177

RU8403113

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bK 8/14

4178

B8130A5-B₂-47-4

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4179

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✓ PIP

4180

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4181

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4182

B8130A5-Bk₂-62-4

5512

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4183

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4184

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4185

P/P[✓]

bk 8/14

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4186

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4187

B8130A5-Bk₂-65-4

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4188

4189

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✓
pp
bk 8/14

4191

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4192

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4193

B8130A5-B_k-68-4

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5518

4194

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4197

PIP ✓

B8130A5-BK₂-70-4

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4198

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4199

PIP ✓

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4200

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4201

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4202

B8130A5-BK₂-71-4

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4203

PIP ✓

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4204

4205

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4208 B8130A5-Bk₂-73-4 7/14 5523

4209

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✓ PR
4211

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B8130A5-BK₂-78-4

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B8130A5-BK₂-79-4

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✓
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4221

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4223

RV8403144

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bx 8/14

4224

B8130A5-Bk₂-82-4

7/1

5533

4225

-5

7/1

✓ pip

4226

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4227

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4228

-8

6/30

B8130A5-Bk₂-84-4

5535

7/3

4229

-5

7/3

4230

pip

-6

7/7

4231

-7

7/1

4232

-8

7/2

4233

B8130A5-Bk₂-88-4

5539

7/1

4234

-5

6/29

4235

-6

7/1

4236

4237

-7

7/1

pip

4238

-8

7/5

4239

B8130A5-Bx₂-89-4

7/2

5540

4240

-5

7/2

4241

-6

7/2

4242

-7

7/1

4243

-8

7/1

pip

4244

B8130A5-Bx₂-95-4

7/3

5546

-5

7/2

4245

-6

7/3

4246

1/1p

-7

7/2

4247

-8

7/4

4248

LBNT

Fd

7/5

4249

bk 8/14

B8130A5-BK2-96-4

5547

7/2

4250

-5

7/3

4251

-6

7/10

4252

full

X/10

4253

-7

7/1

4254

-8

6/30

4255

B8130A5-Bk₂-97-4

7/4

5548

4256

-5

7/5

4257

-6

7/5

4258

-7

7/5

4259

-8

7/5

✓ pip

4260

B8130A5-Bk₂-102-4

7/1

5554

✓ pip ↑

bkr 8/14

-5

7/2

4261

-6

7/4

4262

-7

7/1

4263

-8

7/2

4264

B8130A5-B₂-109-4

5561

6/29

4265

-5

6/29

4266

-6

6/30

4267

pip ✓

-7

6/29

4268

4269

-8

6/29

4270

B8130A5-Bk₂-114-4

7/8

5566

4271

-5

7/11

4272

-6

6/30

4273

-7

6/29

✓
Pip
bk 8/14

4274

-8

6/30

4275

BBLE

7/3

353

bk 8/14

4276

B8130A5-Bk₂-117-4

7/2

5569

-5

7/2

4277

Pip[✓]

-6

7/4

4278

-7

7/2

4279

-8

7/3

4280

B8130A5-B_{K2}-118-4

5570

6/30

4281

-5

7/1

4282

Pip[✓]

-6

7/1

4283

-7

7/2

4284

4285

-8

7/2

4286

B8130A5-Bk₂-119-4

6/30

5571

4287

-5

7/2

4288

-6

7/3

4289

-7

7/2

4290

-8

7/2

✓ PIP

4291

B8130A5-Bk₂-123-4

7/1

5576

4292

-5

6/30

✓ PIP

-6

6/30

4293

-7

7/1

4294

-8

6/30

4295

B8130A5-B_{K2}-124-4

5577

7/1

4296

-5

7/3

4297

-6

7/2

4298

-7

7/4

4299

-8

7/4

4300

P/P ✓

4301

B8130A5-Bk₂-129-4

7/3

5582

4302

-5

7/4

4303

-6

7/3

4304

-7

7/4

4305

-8

7/4

✓ PIP

4306

B8130A5-Bk₂-135-4

7/8

5588

4307

-5

7/5

4308

-6

7/8

2nd/8
xop

-7

7/6

4309

-8

7/5

4310

B8130A5-Bk₂-137-4

5590

7/6

4311

-5

7/5

4312

-6

7/4

4313

-7

7/5

4314

-8

7/4

4315

B8130A5-Bk₂-140-4

5593

6/28

4316

4317

-5

7/2

4318

-6

7/2

4319

-7

7/3

4320

-8

7/4

✓ Pip

4321

B8130A5-B₂-152-4

7/6

5605

4322

-5

7/5

4323

-6

7/5

4324

-7

7/4

-8

7/5

4325

flp

br 8/14

CB-801

CB

7/12

4326

br 8/14

B8130A5-BK₂-153-4

5606

7/1

4327

-5

7/2

4328

flp

-6

7/8

4329

-7

7/1

4330

-8

7/1

4331

B8130A5-BK₂-157-4

5610

7/1

4332

4333

-5

7/1

4334

-6

6/30

✓ P/P

4335

-7

7/1

4336

-8

7/1

4337

B8130A5-BK₂-162-4

7/1

5615

✓ P/P

OK 8/14

4338

-5

6/28

4339

-6

6/29

4340

-7

7/4

-8

6/29

4341

B8130A5-Bk₂-168-4

5621

6/29

4342

-5

6/29

4343

-6

7/1

4344

-7

6/30

4345

P/10^v

-8

7/1

4346

B8130A5-Bk₂-173-4

5627

7/1

4347

-5

6/30

4348

4349	-6 7/2		
✓ P/p			
4350	-7 7/1		
4351	-8 7/2		
4352	LBLE -X2-2 7/1	3800	
bis 8/14			
4353	B8130A5-Bk ₂ -186-4 7/2	5640	
4354	-5 7/2		
4355	-6 7/3		
✓ P/p			
4356	-7 7/2		

-8

7/2

4357

B8130A5-B_{k2}-188-4

5642

7/3

4358

-5

7/4

4359

-6

7/2

4360

-7

7/4

4361

-8

7/3

4362

PIP[✓]B8130A5-B_{k2}-193-4

5647

7/4

4363

-5

7/4

4364

4365

-6

7/4

4366

-7

7/4

✓
P/P

4367

-8

7/3

4368

B8130A5-Bx₂-194-4

7/2

5648

4369

-5

7/2

4370

-6

7/1

4371

-7

7/3

✓
P/P

4372

-8

7/2

Toro 2

53

7/5

4373

bk 8/14

B8130A5-Bk₂-197-4

5652

7/2

4374

PIP[✓]

-5

7/2

4375

-6

7/4

4376

-7

7/5

4377

-8

7/4

4378

B8130A5-Bk₂-215-4

5670

7/7

4379

-5

7/6

4380

4381

-6
7/5

4382

-7
7/3

4383

-8
7/5

✓ P/P ☆

bk 8/14

4384

B8130A5-Bk₂-219-4

7/3

5674

4385

-5
7/4

✓ P/P

4386

-6
7/4

4387

-7
7/4

4388

-8
7/4

5676	B8130A5-B _{k2} -220-4	6/29	4389
------	--------------------------------	------	------

	-5	6/28	4390
--	----	------	------

	-6	6/28	4391
--	----	------	------

	-7	6/29	4392
--	----	------	------

P/p[✓]

	-8	6/29	4393
--	----	------	------

5678	B8130A5-B _{k2} -222-4	7/4	4394
------	--------------------------------	-----	------

	-5	7/4	4395
--	----	-----	------

	-6	7/4	4396
--	----	-----	------

Seeded: 4/10/85

4397	-7 7/7	
✓ P/p bk 8/14		
4398	-8 7/7	
4399	RU7703012 6/30	4988
bk 8/14		
4400	RU7703008 7/8	3627
bk 8/14		
4401	B8130A5-B ₂ -225-4 7/2	5681
4402	-5 7/1	
4403	-6 7/2	
4404	-7 7/2	
✓ P/p bk 8/14		

-8

6/30

4405

B8130A5-B*₂-233-4

5689

7/2

4406

-5

7/3

4407

rip ✓

-6

7/2

4408

-1

7/6

4409

-8

7/3

4410

B8130A5-B*₂-237-4

5693

6/30

4411

-5

7/6

4412

4413

✓ P/p

bK 8/14

-6

7/5

4414

-7

7/6

4415

-8

7/5

4416

B8130A5-Bk₂-238-4

7/3

5694

4417

-5

7/2

4418

-6

7/2

4419

-7

7/3

✓ P/p

4420

-8

7/1

B8130A5-B_{k2}-244-4

5700

7/2

4421

-5

7/1

4422

-6

7/1

4423

-7

7/1

4424

-8

7/2

4425

✓
p/p

PI 331581

4989

7/6

4426

b/c 8/14

B8130A5-B_{k2}-246-4

5702

7/2

4427

-5

7/2

☆ 4428

p/p ✓

b/c 8/14

4429

-6
7/4

4430

-7
7/4

4431

-8
7/1

4432

B8130A5-Bk₂-248-4
6/30

5704

4433

-5
7/1

4434

-6
7/3

4435

-7
7/2

4436

-8
7/1

5707 B8130A5-B₂-251-4 7/4 4437

-5 7/6 4438

-6 7/4 4439
✓
pip

-7 7/5 4440
bk 8/14

-8 7/4 4441

5713 B8130A5-B₂-257-4 6/30 4442

-5 6/29 4443

-6 6/30 4444

4445

-7

6/29

4446

-8

7/1

✓ P/p

bk 8/14

4447

B8130A5-B₂-259-4

7/2

5715

4448

-5

7/3

4449

-6

7/2

4450

-7

7/1

4451

-8

7/2

✓ P/p

bk 8/14

4452

CI 9902

7/15

4975

bk 8/14

5716 B8130A5-Bk₂-260-4 7/10 4453

-5 7/12 4454

-6 7/14 4455
P/p ✓

-7 7/16 4456
bx 8/14

-8 7/16 4457

5717 B8130A5-Bk₂-261-4 7/13 4458
P/p ✓

-5 7/13 4459

-6 6/30 4460

4461

-7

7/1

4462

-8

7/2

4463

B8130A5-Bk₂-265-4

7/2

5721

4464

-5

7/2

4465

-6

7/1

4466

-7

7/1

✓
p/p

bK 8/14

4467

-8

7/3

4468

B8130A5-Bk₂-268-4

6/30

5724

-5

6/29

4469

-6

6/29

4470

-7

6/29

4471

1/p

-8

6/30

4472

13-D

4990

7/20

4473

bk 8/14

B8130 A5 - Bk₂ - 270 - 4

5727

7/11

4474

-5

7/11

4475

-6

7/3

4476

4477

✓ P/p ☆

bK 8/14

-7

7/2

4478

-8

7/1

4479

B8130A5-B_{K2}-281-4

7/1

5738

4480

-5

7/4

4481

-6

7/4

4482

-7

7/4

✓ P/p

bK 8/14

4483

-8

7/5

4484

B8130A5-B_{K2}-285-4

7/5

5742

-5

7/14

4485

-6

7/15

4486

-7

7/14

4487

-8

7/15

4488

38130A5-B₂-295-4

5153

7/14

4489

P/P ✓

-5

7/13

4490

-6

7/15

4491

-7

7/14

4492

very short leaf; late

4493	-8 7/3	
4494	B8130A5-Bk ₂ -300-4 7/1	5758
4495	-5 6/28	
4496	-6 6/28	
4497	-7 6/29	
4498	-8 7/1	
4499	B8130A5-Bk ₂ -302-4 7/1	5760
4500	-5 7/1	

-6

6/29

4501

-7

6/28

4502

PIP

-8

6/28

4503

B8130A5-BK2-304-4

5762

6/29

4504

-5

6/29

4505

-6

6/29

4506

-7

6/28

4507

-8

6/28

4508

PIP ✓

4509

B8130A5-Bk₂-314-4

6/28

5772

4510

-5

6/27

4511

-6

6/27

4512

-7

6/27

✓
Plp

bkr 8/14

4513

-8

6/28

4514

B8130A5-Bk₂-316-4

7/3

5774

4515

-5

7/3

4516

-6

6/29

-7

7/12

4517

-8

7/11

4518

P/P

B8130A5 - Br₂ - 319 - 4

5778

7/12

4519

-5

7/11

4520

-6

6/30

4521

-7

7/11

4522

P/P

-8

7/12

4523

LBNT

Fd

7/12

4524

br 8/14

4525	B8130A5-Bk ₂ -321-4	7/8	5780
------	--------------------------------	-----	------

4526		-5 7/5	
------	--	-----------	--

4527		-6 7/4	
------	--	-----------	--

4528		-7 7/4	
------	--	-----------	--

✓
P/P

4529		-8 7/4	
------	--	-----------	--

4530	B8130A5-Bk ₂ -323-4	7/3	5782
------	--------------------------------	-----	------

4531		-5 7/3	
------	--	-----------	--

4532		-6 7/4	
------	--	-----------	--

✓
P/P
b/c 8/14

-7

6/28

4533

-8

7/3

4534

B8130A5-Bk₂-327-4

5786

7/1

4535

-5

7/2

4536

-6

7/4

4537

-7

7/2

4538

-8

7/4

4539

B8130A5-Bk₂-334-4

5793

7/3

4540

4541

-5

7/3

4542

-6

7/2

4543

-7

7/3

4544

-8

7/3

✓
P/p

bx 8/14

4545

B8130A5-BK₂-337-4

7/2

5796

4546

-5

7/1

✓
P/p

4547

-6

7/1

4548

-7

7/2

-8

7/2

4549

NWBT

AR Fd

7/8

4550

br 8/14

B8130A5-B_{x2}-339-4

5798

6/29

4551

-5

6/29

4552

-6

6/28

4553

-7

6/29

4554

☆ 11p ✓

br 8/14

-8

6/28

4555

B8130A5-B_{x2}-344-4

5803

7/2

4556

4557

-5

6/30

4558

-6

7/3

4559

-7

7/3

4560

-8

7/2

4561

B8130A5 - Bk₂ - 349-4

7/3

5808

4562

-5

7/3

4563

-6

7/1

4564

-7

7/1

✓ PIP

-8

7/2

4565

B8130A5-B₂-350-4

5809

7/2

4566

-5

7/2

4567

rip[✓]

-6

7/3

4568

-7

7/1

4569

-8

6/30

4570

B8130A5-B₂-353-4

5812

7/1

4571

-5

6/30

4572

4573

-6

7/1

4574

-7

7/1

✓ PIP

4575

-8

7/1

4576

LBLE

6/28

Fd

bK 8/14

4577

B8130A5-BK₂-354-4

7/3

5813

4578

-5

7/2

4579

-6

7/1

✓ PIP

bK 8/14

4580

-7

7/2

-8

7/4

4581

B8130A5-Bk₂-357-4

5816

7/1

4582

p/p^v

-5

7/2

4583

-6

7/1

4584

-7

6/29

4585

-8

6/30

4586

B8130A5-Bk₂-360-4

5819

7/2

4587

-5

7/7

4588

4589

-6

7/3

4590

-7

7/3

4591

-8

6/30

4592

B8130 A5-Bk₂-369-4

7/1

5829

4593

-5

7/1

4594

-6

7/1

4595

-7

6/30

✓
9/18

4596

-8

7/2

5834

B8130A5-B_{k2}-374-4

7/4

4597

-5

7/5

4598

-6

7/7

4599

P/E ✓

-7

7/15

4600

-8

7/9

4601

5835

B8130A5-B_{k2}-375-4

7/5

4602

-5

7/5

4603

-6

7/5

4604

4605	-7 7/3	
4606	-8 7/5	
4607	B8130A5-B _{K2} -377-4 7/2	5837
4608	-5 7/3	
4609	-6 7/2	
4610	-7 7/3	
4611	-8 7/4	
4612	B8130A5-B _{K2} -379-4 6/30	5839

-5

7/1

4613

-6

7/1

4614

-7

7/2

4615

-8

6/30

4616

P/p
bk 8/14B8130A5-Bk₂-381-4

5841

7/3

4617

-5

7/4

4618

P/p
bk 8/14

-6

7/5

4619

-7

7/4

4620

4621

-8

7/4

4622

B8130A5-B₂-384-4

7/3

5844

4623

-5

7/5

4624

-6

7/5

4625

-7

7/5

4626

-8

7/5

4627

RU8303046

46

no plants

4628

B8130A5-B₂-386-4

7/2

5846

-5

7/1

4629

-6

7/2

4630

-7

7/1

4631

✓
p/p

-8

7/2

4632

B8130A5-Bk₂-388-4

5848

7/2

4633

✓
p/p

-5

6/30

4634

-6

7/2

4635

-7

7/6

4636

4637

-8

7/4

4638

B8130A5-BK₂-395-4

7/2

5856

4639

-5

7/3

4640

-6

7/1

4641

-7

7/2

✓ P/p
bk 8/14

4642

-8

7/5

4643

B8130A5-BK₂-401-4

7/4

5862

4644

-5

7/4

✓ P/p
bk 8/14

-6

7/4

4645

-7

7/3

4646

-8

7/1

4647

LMNT

Fd

7/5

4648

bk 8/14

B8130A5-B₂-408-4

5869

6/30

4649

-5

7/1

4650

-6

6/30

4651

P/e^v

-7

7/1

4652

4653

-8

7/16

4654

B8130A5-Bx₂-413-4

7/13

5874

4655

-5

7/12

✓ 8/14

bic 8/14

4656

-6

7/12

4657

-7

7/12

4658

-8

7/12

4659

B8130A5-Bx₂-418-4

6/27

5880

4660

-5

6/26

✓ 8/14

-6

6/25

4661

-7

6/27

4662

-8

6/28

4663

5883

B8130A5-Bk₂-421-4

7/2

4664

-5

7/2

4665

Plp

bk 8/14

-6

7/1

4666

-7

7/2

4667

-8

7/1

4668

4669

B8130A5-BK₂-424-4

6/30

5886

pk

4670

-5

7/2

4671

-6

7/1

4672

-7

7/2

4673

-8

6/30

4674

RU8303169

6/30

32

bk 8/14

4675

B8130A5-BK₂-426-4

7/3

5888

4676

-5

7/3

-6

7/2

4677

-7

7/2

4678

★ pip ✓

bk 8114

-8

7/3

4679

B8130A5-BK₂-428-4

5890

7/6

4680

-5

7/5

4681

-6

7/5

4682

-7

7/4

4683

pip ✓

-8

7/3

4684

4685

B8130A5 - Bk₂ - 431 - 4

7/5

5893

4686

-5

7/5

4687

-6

7/3

4688

-7

7/3

✓ P/p

4689

-8

7/4

4690

B8130A5 - Bk - 196 - 4

7/2

5901

✓ P/p

4691

-5

7/2

4692

-6

7/2

-7

7/2

4693

-8

7/5

4694

B8130A5 - Bk - 204 - 4

5909

7/3

4695

★ P/p ✓

bk 8/14

-5

7/5

4696

-6

7/3

4697

-7

7/4

4698

-8

7/11

4699

B8130A5 - Bk - 222 - 4

5928

7/1

4700

4701

-5

7/6

4702

-6

7/7

4703

-7

7/1

4704

-8

7/2

4705

B8130A5-Bk-224-4

7/3

5930

4706

-5

7/3

4707

-6

7/4

4708

-7

7/2

-8

6/30

4709

P/p ✓

B8130A5-Bk-230-4

5936

7/4

4710

-5

6/25

4711

-6

6/25

4712

P/p ✓

-7

6/26

4713

-8

6/27

4714

B8130A5-Bk-232-4

5938

6/29

4715

-5

7/7

4716

4717

-6

7/1

4718

-7

7/1

4719

-8

6/30

✓ PIP

4720

BS130A5-BK-239-4

7/2

5945

4721

-5

7/2

4722

-6

7/2

4723

-7

7/1

✓ PIP

4724

-8

7/3

SKBT

Fd

6/30

4725

bk 8/14

B8130A5-BK-245-4

5952

7/9

4726

-5 7/9

4727

p/p

-6

7/8

4728

-7

7/11

4729

-8

7/9

4730

B8130A5-BK-251-4

5958

7/3

4731

-5

7/2

4732

4733

✓ P/P

-6

7/1

4734

-7

7/1

4735

-8

7/3

4736

B8130A5-BK-253-4

7/1

5960

4737

-5

7/1

4738

-6

7/1

4739

✓ P/P

bK 8/14

-7

6/30

4740

-8

7/2

B8130A5-Bk-254-4

5961

6/30

4741

-5

6/30

4742

-6

7/1

4743

11p

-7

7/1

4744

-8

6/29

4745

B8130A5-Bk-256-4

5963

6/30

4746

-5

6/30

4747

-6

6/30

4748

p/p ✓

4749

-7

6/29

4750

-8

6/30

4751

BOND

6/27

AR Fd

OK 8/14

4752

B8130A5-BK-263-4

6/27

5970

4753

-5

6/28

4754

-6

6/28

4755

-7

6/27

✓ PIP

4756

-8

6/27

B8130A5-Bk-265-4

5972

6/29

4757

-5

7/1

4758

P/p

-6

7/1

4759

-7

7/1

4760

-8

7/4

4761

B8130A5-Bk-283-4

5991

6/30

4762

-5

7/1

4763

-6

6/30

4764

extraction?

4765

-7

6/30

4766

-8

6/30

4767

B8130A5-BK-291-4

7/8

5999

4768

-5

7/2

✓ PK

bic 8/14

4769

6

7/4

4770

-7

7/6

4771

-8

7/4

4772

B8130A5-BK-301-4

6/30

6015

-5

6/30

4773

-6

7/3

4774

-7

7/1

4775

-8

7/3

4776

P/P ✓

bk 8/14

Fd

NWRX

7/4

4777

bk 8/14

6018

B8130A5-BK-310-4

7/1

4778

-5

7/1

4779

P/P ✓

-6

7/4

4780

4781

-7

7/3

4782

-8

7/3

4783

B8130A5-BK-322-4

7/1

6031

4784

-5

7/1

✓
8/8
bkr 8/14

4785

-6

7/2

4786

-7

7/1

4787

-8

7/4

4788

B8130A5-BK-326-4

7/1

6035

-5

7/1

4789

-6

7/3

4790

-7

7/2

4791

✓
p/p

-8

7/2

4792

6040

B8130A5-BK-331-4

7/1

4793

-5

7/2

4794

-6

7/1

4795

✓
p/p

-7

7/3

4796

4797

-8

7/3

4798

B8130A5-BK-343-4

7/1

6053

4799

-5

6/30

✓
8/p

4800

-6

7/2

4801

-7

7/2

4802

-8

7/3

4803

B8130A5-BK-349-4

6/28

6059

✓
PIP

4804

-5

6/29

-6

6/29

4805

-7

7/1

4806

-8

6/30

4807

B8130A5-BK-350-4

6060

6/30

4808

-5

6/29

4809

-6

6/30

4810

-7

6/28

4811

-8

6/29

4812

B8130A5-BK-352-4

4813

7/4

6062

-5

4814

7/9

-6

4815

7/3

✓ PIP 2

bK 8/14

-7

4816

7/1

-8

4817

7/2

B8130A5-BK-357-4

4818

6/30

6067

-5

4819

7/1

✓ PIP

-6

4820

7/1

		-7	7/1	4821
		-8	7/1	4822
AR Fd	TBNT		6/28	4823
				bx 8/14
6070	B8130A5-Bk-360-4		7/5	4824
		-5	7/10	4825
				9/11 ✓
		-6	7/8	4826
		-7	7/6	4827
		-8	7/9	4828

4829

B8130A5-Bk-363-4

7/11

6073

4830

-5

7/8

✓
P/p

4831

-6

7/8

4832

-7

7/2

4833

-8

7/10

4834

B8130A5-Bk-368-4

7/9

6079

4835

-5

6/29

✓
P/p

4836

-6

7/5

-7

7/7

4837

-8

7/1

4838

B8130A5-Bk-371-4

6082

6/30

4839

-5

6/29

4840

-6

6/30

4841

P/P

-7

6/30

4842

-8

7/2

4843

B8130A5-Bk-374-4

6085

7/6

4844

4845

-5

7/6

✓ P/p

br 8/14

4846

-6

6/29

4847

-7

7/5

4848

-8

7/5

✓ P/p

4849

B8130A5-BK-385-4

7/2

6096

4850

-5

7/1

4851

-6

7/2

✓ P/p

4852

-7

7/1

-8

6/30

4853

PI408449

4960

7/10

4854

bk 8/14

B8134A1-Bk-20-5-1

6136

7/15

4855

-2

7/11

4856

-3

7/12

4857

-4

7/11

4858

-5

7/14

4859

B8134A1-Bk-21-4-1

6140

7/4

4860

4861

-2

7/4

4862

-3

7/4

separation?
tight
very

4863

-4

7/4

4864

-5

7/4

4865

B8134A1-Bk-24-3-1

7/3

6144

4866

-2

7/3

4867

-3

7/3

4868

-4

7/1

✓ P/p

BK 8/14

-5

7/3

4869

B8134A1-BK-27-4-1

6150

7/3

4870

-2

7/4

4871

P10[✓]

-3

7/4

4872

-4

7/4

4873

-5

7/4

4874

BLMT

Fd

7/3

4875

BK 8/14

B8134A1-BK-36-2-1

6164

7/6

4876

4877

-2
7/13

4878

-3
7/14

4879

-4
7/14

4880

-5
7/15

✓ 8/12
4881

B8134A1-BK-38-5-4

7/15

6172

4882

-2
7/14

4883

-3
7/14

4884

-4
7/14

-5

7/14

4885

B8134A1-Bk-41-3-1

6176

7/14

4886

-2

7/13

4887

-3

7/14

4888

late dump

-4

7/14

4889

-5

7/13

4890

B8134A1-Bk-45-2-1

6185

7/15

4891

-2

7/14

4892

PIP ✓

4893

-3

7/15

4894

-4

7/14

late dump

4895

-5

7/15

4896

B8134A1~BK-54-4-1

7/13

6204

4897

-2

7/13

4898

-3

7/11

late dump

4899

-4

7/11

4900

-5

7/13

6208

B8134M1-Bk-56-3-1

7/19

4901

-2

7/17

4902

-3

7/18

4903

late

-4

7/18

4904

-5

7/18

4905

6212

B8134M1-Bk-59-2-1

7/13

4906

-2

7/13

4907

P/P

bk 8/14

-3

7/14

4908

4909

-4

7/14

4910

-5

7/14

4911

B8134A1-Bk-59-4-1

7/16

6214

4912

-2

7/14

4913

-3

7/14

4914

-4

7/10

✓
PIP

4915

-5

7/17

4916

B8134A1-Bk-60-5-1

7/14

6220

-2

7/17

4917

-3

7/18

4918

-4

7/15

4919

-5

7/17

4920

P/p

b/c 8/14

B8134A1-B/c-79-4-1

6230

7/13

4921

-2

7/13

4922

-3

7/13

4923

-4

7/13

4924

4925

-5

7/13

4926

RU7502076

7/9

4965

bK 8/14

4927

B8134A1-Bk-85-5-1

7/13

6236

4928

-2

7/10

4929

-3

7/12

4930

-4

7/13

4931

-5

7/13

4932

B8134A1-Bk-90-3-1

7/17

6239

-2

7/17

4933

-3

7/17

4934

-4

7/17

4935

-5

7/17

4936

B8134A1-Bx-102-3-1

6244

7/13

4937

-2

7/14

4938

-3

7/12

4939

-4

7/13

4940

P/P ✓

4941

-5

7/13

4942

B8134A1-BK-109-3-1

7/14

6249

4943

-2

7/14

4944

-3

7/13

Post separation

4945

-4

7/16

4946

-5

7/16

4947

B8134A1-BK-113-3-1

7/14

6255

4948

-2

7/14

✓ 8/18

-3

7/13

4949

-4

7/16

4950

-5

7/16

4951

LMNT

Fd

7/17

4952

bks 8/14

B8134M1-BK-126-3-1

6260

7/13

4953

-2

7/14

4954

-3

7/14

4955

-4

7/13

4956

Source: Police documents

4957

-5

7/9

4958

B8134A1-Bk-127-5-1

7/11

6267

4959

-2

7/9

4960

-3

7/9

4961

-4

7/10

4962

-5

7/10

4963

B8134A1-Bk-130-5-1

7/5

6272

4964

-2

7/4

-3

7/15

4965

post operation

-4

7/14

4966

-5

7/14

4967

B8134A1-BK-131-1-1

6274

7/14

4968

-2

7/16

4969

-3

7/16

4970

-4

7/16

4971

-5

7/16

4972

4973	CB 801 shatters ??	7/9	CB
br 8/14			
4974	B 8134A1 - Bc - 136 - 2 - 1	7/5	6280
4975		-2 7/6	
4976		-3 7/4	
4977		-4 7/4	
4978		-5 7/6	
4979	B 8134A1 - Bc - 139 - 4 - 1	7/18	6287
4980		-2 7/18	

-3

7/18

4981

-4

7/18

4982

-5

7/18

4983

6293

B8134M1-BK-144-5-1

7/6

4984

-2

7/6

4985

-3

7/6

4986

-4

7/6

4987

-5

7/4

4988

4989

B8134A1-Bk-150-1-1

7/6

6294

✓ Pp ☆

bk 8/14

4990

-2

7/7

4991

-3

7/7

4992

-4

7/7

4993

-5

7/6

4994

B8134A1-Bk-156-4-1

6/30

6302

4995

7/2

7/1

4996

-3

7/2

bk 8/14

-4

7/2

4997

☆ 1P ✓

-5

7/3

4998

RU7801007

4969

7/1

4999

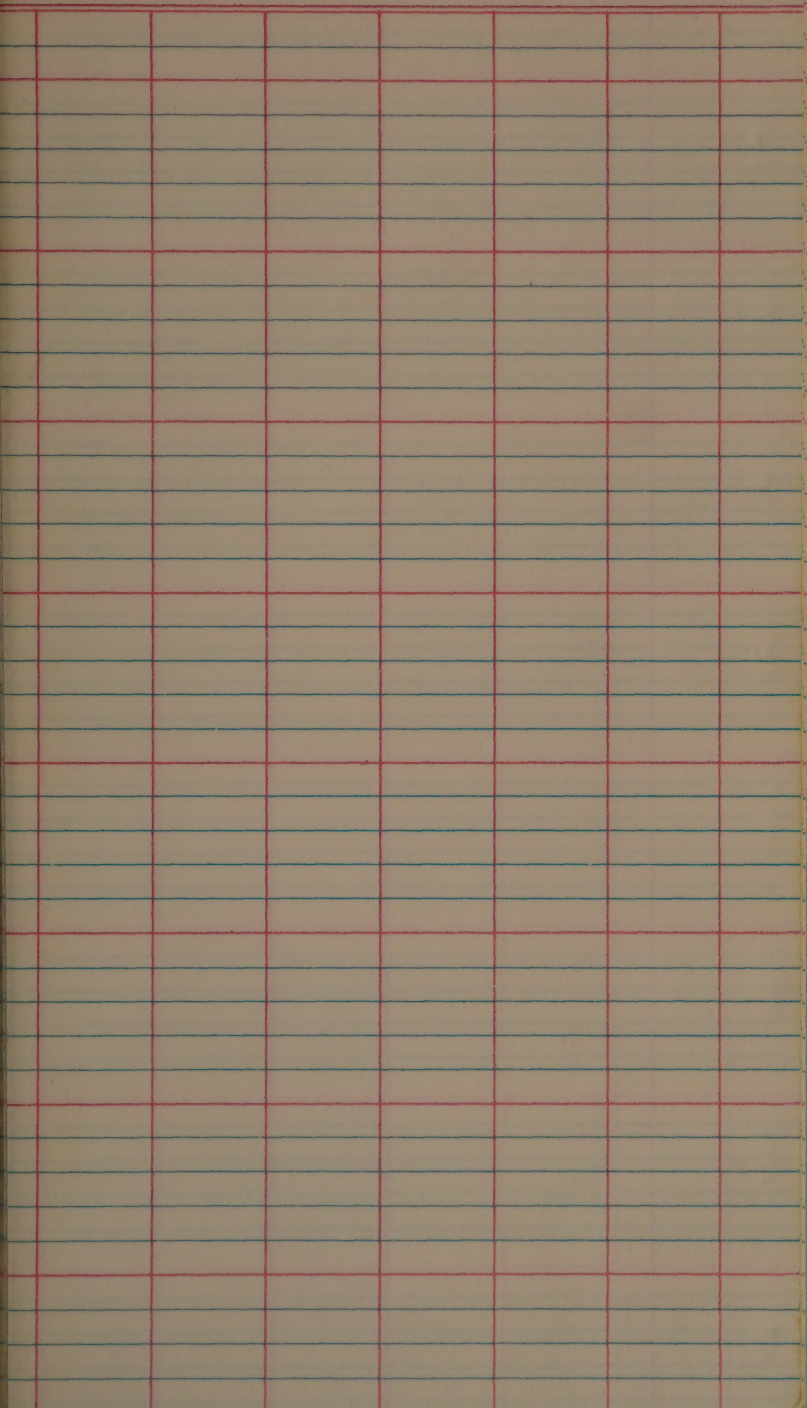
br 8/14

blank envelope

4970

No plants

5000



OK
B8131A = LEAH/8003050

B8130A = LEAH/LMNT

B8134A = B786A3 * F₁/LMNT

B7513A = 372041/LBNT * 2

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK

AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

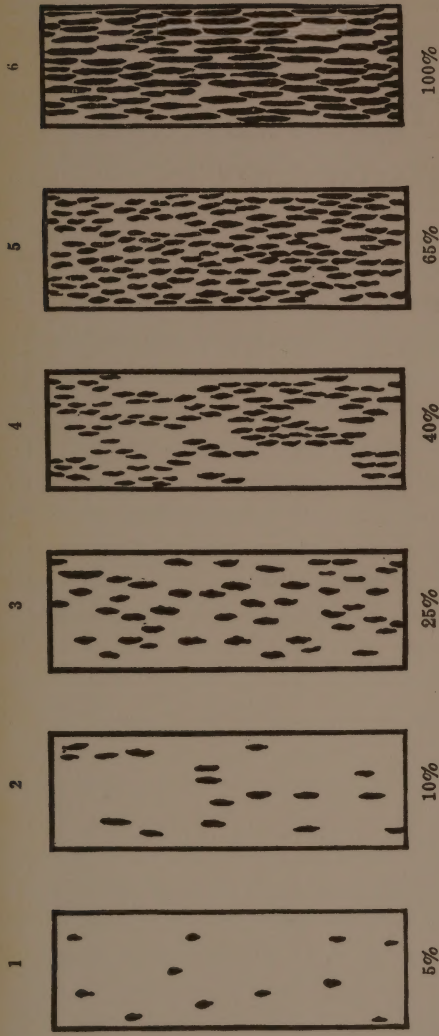
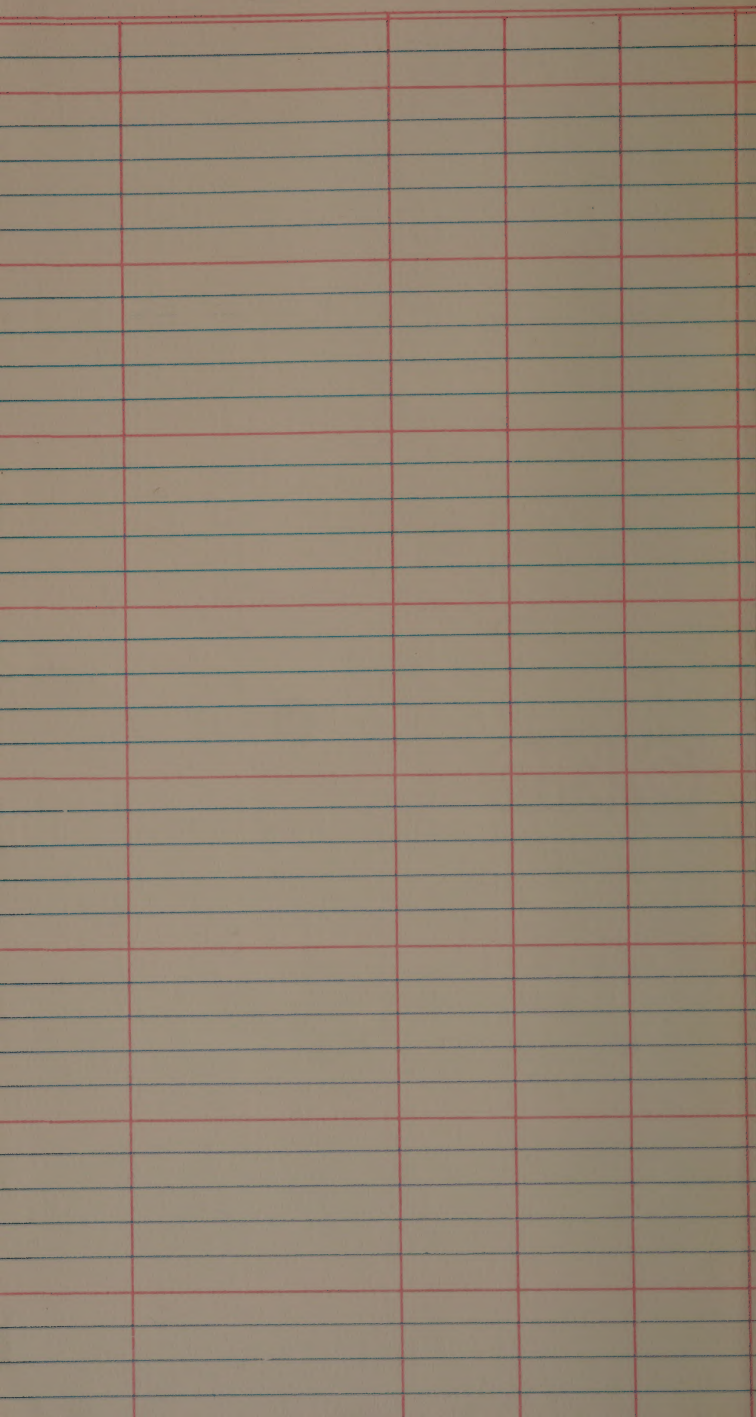
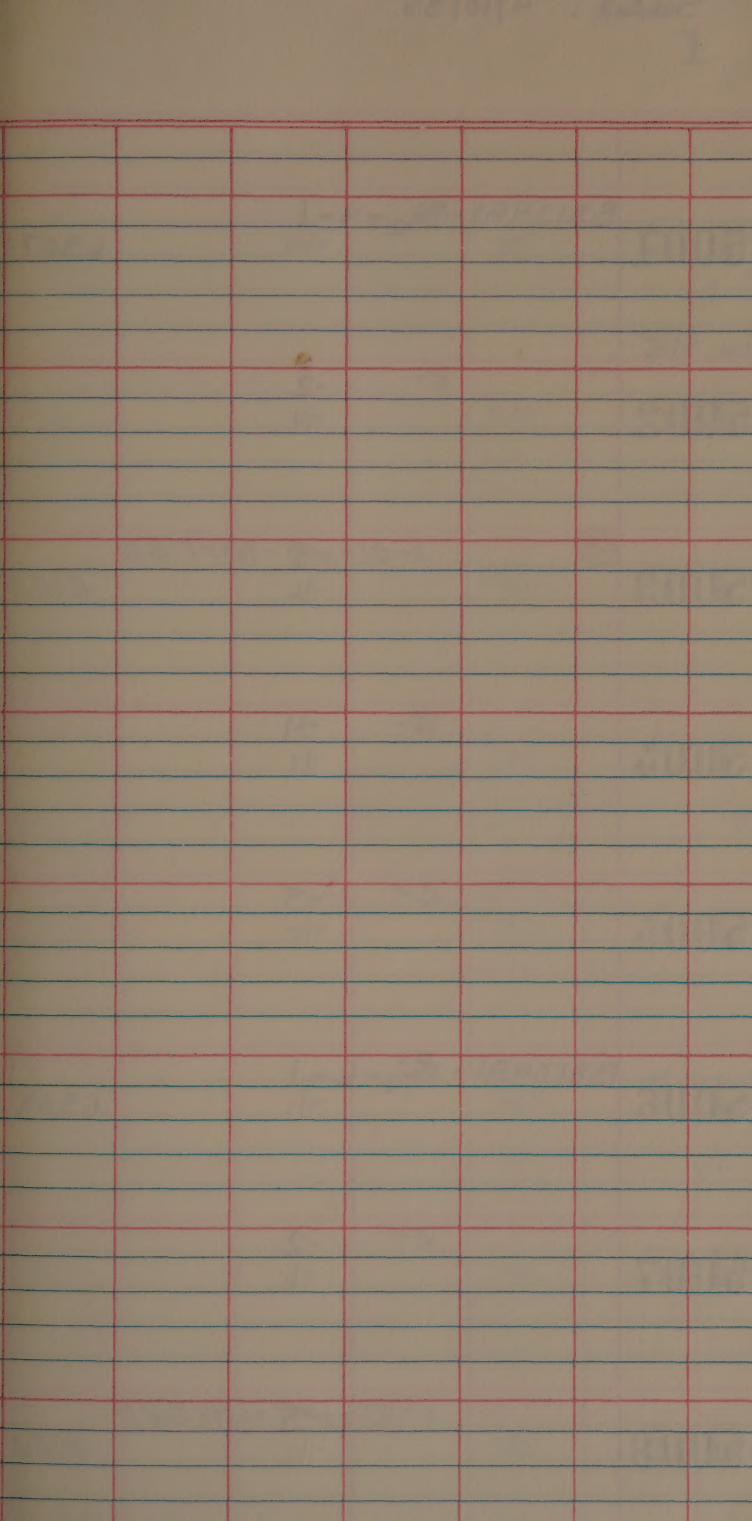


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





Seeded: 4/10/85

	BS134A1-Bk ₂ -4-1			
✓ 5001 P/P		7/10		6307
bk 8/15				
		-2		
5002		7/4		
		-3		
5003		7/6		
		-4		
5004		7/7		
		-5		
5005		7/5		
	BS134A1-Bk ₂ -6-1			
✓ 5006 P/P		7/1		6309
		-2		
5007		7/1		
		-3		
5008		7/2		

-4

7/15

5009

-5

7/14

5010

B8134A1-Bk₂-10-1

6313

7/12

5011

-2

7/11

5012

P/P

-3

7/13

5013

-4

7/13

5014

-5

7/12

5015

B8134A1-Bk₂-12-1

6315

7/13

5016

5017

-2

7/3

5018

-3

7/2

5019

-4

7/2

5020

-5

7/1

✓ PR

5021

B8134A1-BK₂-14-1

7/2

6317

✓ PR

BK 8/15

5022

-2

7/2

5023

-3

7/2

5024

-4

7/4

-5

7/5

5025

35

LEAH

7/5

5026

bk 8/15

6318

B8134A1-Bk₂-15-1

7/6

5027

P/P

bk 8/15

-2

7/6

5028

-3

7/2

5029

-4

7/6

5030

-5

7/4

5031

6320

B1834A1-Bk₂-17-1

6/30

5032

5033

-2
7/1

5034

-3
6/29

5035

-4
6/29

5036

-5
6/29

5037

B8134A1-BK2-20-1

7/3

6323

5038

-2
7/2

5039

-3
6/30

5040

-4
7/1

-5

7/3

5041

B8134A1-B_{K2}-25-1

6329

6/30

5042

-2

6/29

5043

-3

7/12

5044

-4

6/30

5045

-5

6/30

5046

Pip[✓]B8134A1-B_{K2}-28-1

6332

7/12

5047

-2

7/12

5048

5049

-3

7/12

5050

-4

7/13

✓ pip

bk 8/15

5051

-5

7/12

5052

LMNT

7/16

Fd

bk 8/15

5053

B8134A1-B_{K2}-35-1

7/14

6339

5054

-2

7/17

5055

-3

7/18

5056

-4

7/15

✓ pip

bk 8/15

-5

7/15

5057

B8134A1-BK₂-36-1

6340

7/12

5058

-2

7/12

5059

-3

7/14

5060

↗ PIP ✓
bk 8/15

-4

7/14

5061

-5

7/10

5062

B8134A1-BK₂-40-1

6344

6/30

5063

-2

6/30

5064

5065

-3

6/30

5066

-4

7/1

5067

-5

6/30

✓
P/P

bx 8/15

5068

B8134A1-Bk₂-45-1

7/6

6349

5069

-2

7/14

5070

-3

7/14

5071

-4

7/5

5072

-5

7/4

✓
P/P

Fa

BLMT

7/3

5073

bk 8/15

6352

B8134A1-Bk₂-47-1

7/14

5074

p/p[✓]

bk 8/15

-2

7/13

5075

-3

7/15

5076

-4

7/15

5077

-5

7/14

5078

6355

B8134A1-Bk₂-50-1

7/15

5079

-2

7/14

5080

5081

✓
P₁₀

-3

7/14

5082

-4

7/13

5083

-5

7/13

5084

B8134A1-BK2-54-1

7/4

6359

5085

-2

7/3

5086

-3

7/4

5087

-4

7/5

5088

-5

7/4

6360	B8134A1-Bk ₂ -55-1	7/3	5089
	-2	7/4	5090
	-3	7/4	5091
	-4	7/5	5092
	-5	7/4	5093
			rip ✓
6363	B8134A1-Bk ₂ -58-1	7/3	5094
	-2	7/3	5095
			rip ✓
			bic 8/15
	-3	7/4	5096

5097

-4
7/5

5098

-5
7/7

5099

B8134A1-Bk₂-61-1

7/15

6366

5100

-2
7/18

5101

-3
7/15

5102

-4
7/13

5103

-5
7/14

✓
PK

5104

B8134A1-Bk₂-65-1

7/5

6370

-2

7/5

5105

-3

7/3

5106

-4

7/5

5107

-5

7/4

5108

6373

B8134A1-Bk₂-68-1

7/2

5109

-2

7/1

5110

-3

7/2

5111

-4

7/0

5112

5113

-5

7/3

✓
pp

5114

B8134A1-BK2-13-1

7/4

6379

5115

-2

7/4

5116

-3

7/4

5117

-4

6/30

5118

-5

6/30

✓
pp

bx 8/15

5119

B8134A1-BK2-14-1

6/30

6380

5120

-2

6/30

-3

7/1

5121

-4

6/29

5122

-5

7/4

5123

4965

R07502076

7/9

5124

bx 8/15

6389

B8134M1-Bk₂-83-1

7/1

5125

-2

7/1

5126

p/p ✓

-3

7/1

5127

-4

6/30

5128

		-5	
5129		7/2	
5130	B8134A1 - Bk ₂ - 84-1	7/2	6390
		-2	
5131		7/1	
		-3	
5132		7/1	
		-4	
5133		7/1	
✓ P/P bk 8/15			
		-5	
5134		7/1	
5135	B8134A1 - Bk ₂ - 85-1	7/8	6391
		-2	
5136		7/2	
✓ P/P			

-3

7/4

5137

-4

7/8

5138

-5

7/2

5139

B8134A1-Bk₂-88-1

6394

6/30

5140

-2

7/1

5141

✓
P/p

-3

6/30

5142

-4

7/4

5143

-5

7/1

5144

5145	B8134A1-Bk ₂ -101-1	7/1	6407
5146		-2 7/1	
✓ P/P			
5147		-3 7/8	
5148		-4 7/1	
5149		-5 7/2	
5150	Toro 2	7/6	53
bx 8/15			
5151	B8134A1-Bk ₂ -104-1	7/2	6410
5152		-2 7/2	

1-17-3

7/1

5153

-4

7/1

5154

-5

7/2

5155

B8134A1-B_{K2}-106-1

6412

6/28

5156

-2

7/1

5157

-3

7/1

5158

-4

6/30

5159

-5

7/14

5160

5161

B8134A1-B_{K2}-109-1

7/6

6415

✓
P/P
↑

bx 8/15

5162

-2

7/6

5163

-3

7/7

5164

-4

7/3

5165

-5

7/5

5166

B8134A1-B_{K2}-120-1

7/7

6427

5167

-2

7/9

5168

-3

7/3

		-4	7/4	5169
		-5	7/2	5170
				p/p ✓
6428	BS134A1 - Bk ₂ - 121 - 1		7/2	5171
		-2	7/2	5172
				p/p ✓
		-3	7/2	5173
		-4	7/3	5174
		-5	7/4	5175
AR Fd	NWBT		7/8	5176
				bix 8/15

5177	B8134A1-BK2-122-1	7/2	6429
------	-------------------	-----	------

5178	-2	7/4	
------	----	-----	--

✓
P/P

5179	-3	7/4	
------	----	-----	--

5180	-4	7/2	
------	----	-----	--

5181	-5	7/3	
------	----	-----	--

5182	B8134A1-BK2-126-1	6/28	6433
------	-------------------	------	------

5183	-2	6/30	
------	----	------	--

5184	-3	7/1	
------	----	-----	--

-4

6/28

5185

-5

7/11

5186

B8134A1-Bk₂-128-1

6435

7/13

5187

-2

7/12

5188

-3

7/12

5189

-4

7/12

5190

-5

7/12

5191

V_P ✓B8134A1-Bk₂-132-1

6439

7/12

5192

5193

-2

7/1

5194

-3

7/1

5195

-4

7/3

5196

-5

7/6

✓ Pip
br 8/15
5197

B8134A1-BK2-134-1

7/14

6441

✓ Pip
br 8/15
5198

-2

7/14

5199

-3

7/15

5200

-4

7/15

-5

7/15

5201

B8134A1-B_{k2}-136-1

6443

7/15

5202

-2

7/13

5203

-3

7/13

5204

P/P ✓

-4

7/13

5205

-5

7/14

5206

B8134A1-B_{k2}-137-1

6444

7/12

5207

P/P ✓

-2

7/13

5208

5209

-3

7/3

5210

-4

7/13

5211

-5

7/8

5212

B8134A1-B_{K2}-144-1

7/1

6452

5213

-2

7/18

5214

-3

7/18

5215

-4

7/1

5216

-5

7/1

6453

B8134A1-Bk₂-145-1

7/2

5217

-2

7/2

5218

-3

7/2

5219

-4

7/3

5220

-5

7/2

5221

✓
1/8

bk 8/15

6454

B8134A1-Bk₂-146-1

7/18

5222

-2

7/18

5223

✓
1/8

bk 8/15

-3

7/18

5224

pond dregs
but very little

5225

-4

7/18

5226

-5

7/18

5227

RU8303046

7/4

46

bx 8/15

5228

B8134A1-BK₂-152-1

7/3

6460

5229

-2

7/3

5230

-3

7/3

5231

-4

7/3

5232

-5

7/5

6463

B8134A1-Bk₂-155-1

7/18

5233

-2

7/17

5234

-3

7/18

5235

-4

7/17

5236

-5

7/15

5237

6465

B8134A1-Bk₂-157-1

7/18

5238

-2

7/14

5239

-3

7/12

5240

5241

-4
7/18

5242

-5
7/3

✓
PP
5243

B8134A1-Bk2-160-1

7/1

6468

5244

-2
7/1

5245

-3
6/30

5246

-4
6/30

✓ PP
5247

-5
7/3

5248

RU8303169

7/3

32

bK 8/15

6487 BS134A1-B₂-178-1

1/3

5249

-2

1/11

5250

1/5

ba 1/5

-3

1/3

5251

-4

1/2

5252

-5

1/2

5253

BS134A1-B₂-188-1

6497

1/4

5254

-2

1/5

5255

-3

1/2

5256

5257

-4

7/12

5258

-5

7/15

5259

B8134A1-Bk₂-198-1

7/12

6507

5260

-2

7/14

✓ p/p
bk 8/15

5261

-3

7/14

5262

-4

7/12

5263

-5

7/14

5264

B8134A1-Bk₂-206-1

6/28

6515

-2

6/28

5265

-3

6/30

5266

-4

7/1

5267

-5

6/30

5268

B8134A1-Bk2-208-1

6517

7/1

5269

-2

7/3

5270

 P/P ✓
 bk 8/15

-3

7/1

5271

-4

6/30

5272

5273

-5

6/29

5274

RU8403113

6/26

bk 8/15

5275

B8134A1-BK2-226-1

7/2

6536

5276

-2

7/4

5277

-3

7/3

Pip
bk 8/15

5278

-4

7/4

5279

-5

7/4

5280

B8134A1-BK2-227-1

7/2

6537

-2

7/3

5281

-3

7/2

5282

-4

7/5

5283

-5

7/3

5284

✓
P/PB8134A1-B₂-230-1

6540

7/3

5285

-2

7/4

5286

-3

7/5

5287

✓
P/P

-4

7/5

5288

5289

-5

7/7

5290

B8134A1-BK₂-232-1

7/1

6542

✓
P/P

br 8/15

5291

-2

7/2

5292

-3

7/1

5293

-4

7/3

5294

-5

7/1

5295

B8134A1-BK₂-234-1

7/4

6544

5296

-2

7/5

-3

7/3

5297

-4

7/3

5298

up

br 8/15

-5

7/3

5299

B8134A1 - Br₂ - 240 - 1

6551

7/7

5300

-2

7/7

5301

-3

7/5

5302

up

-4

7/5

5303

-5

7/7

5304

5305

B8134A1-BK2-241-1

7/3

6552

5306

-2

7/2

5307

-3

7/1

5308

-4

6/30

5309

-5

7/1

5310

B8134A1-BK2-243-1

7/2

6554

5311

-2

7/1

5312

-3

7/5

-4

7/2

5313

-5

7/2

5314

P/p

br 815

B8134A1-Bk₂-244-1

6555

7/1

5315

-2

7/1

5316

-3

6/29

5317

-4

7/1

5318

-5

7/1

5319

B8134A1-Bk₂-246-1

6557

7/2

5320

5321

-2

7/12

5322

-3

7/11

5323

-4

7/12

5324

-5

7/10

5325

LIBLE

6/27

Fd

bx 8/15

5326

BS134A1-BK₂-256-1

7/4

6567

5327

-2

7/4

5328

-3

7/5

-4

 $\frac{1}{5}$

5329

-5

 $\frac{1}{7}$

5330

B8134A1-B_{K2}-260-1

6571

 $\frac{1}{2}$

5331

-2

 $\frac{1}{2}$

5332

-3

 $\frac{1}{3}$

5333

pip^v

-4

 $\frac{1}{4}$

5334

-5

 $\frac{1}{3}$

5335

B8134A1-B_{K2}-261-1

6572

 $\frac{1}{2}$

5336

5337

-2

7/2

5338

-3

7/2

5339

-4

7/2

✓ p/p

b/c 8/15

5340

-5

7/2

5341

BS134A1-B_{K2}-267-1

7/3

6578

5342

-2

7/4

5343

-3

7/4

5344

-4

7/4

✓ p/p 8/15

b/c 8/15 ↗

-5

7/4

5345

B8134A1-Bk₂-269-1

6580

6/30

5346

-2

7/2

5347

-3

6/30

5348

-4

7/1

5349

P_{1P} ✓

-5

7/1

5350

SKBT

Fd

7/1

5351

bk 8/15

B8134A1-Bk₂-273-1

6584

7/4

5352

5353

-2

7/4

✓
PP

5354

-3

7/4

5355

-4

7/4

5356

-5

7/4

5357

B8134A1-Bk2-303-1

7/2

66/4

5358

-2

7/2

✓
PP

5359

-3

7/3

5360

-4

7/3

-5

7/3

5361

B8134A1-Bk₂-310-1

6621

6/30

5362

-2

7/1

5363

-3

7/2

5364

-4

7/3

5365

✓
P/r

b/c 8/15

-5

7/4

5366

B8134A1-Bk₂-315-1

6627

7/2

5367

-2

7/1

5368

5369		-3 7/1	
✓ Pp			
5370		-4 7/3	
5371		-5 7/3	
5372	TBNT	6/28	AR Fa
bk 8/15			
5373	B8134A1-Bk2-321-1	7/4	6633
5374		-2 7/4	
5375		-3 7/3	
5376		-4 7/5	

-5

7/5

5377

B8134 A1-Bk2-322-1

6634

7/1

5378

☆ PIP ✓

b/c 8/15

-2

7/1

5379

-3

7/1

5380

-4

6/30

5381

-5

7/4

5382

B8134 A1-Bk2-328-1

6640

7/1

5383

-2

7/4

5384

5385	-3 7/2		
5386	-4 7/3		
5387 ✓ Pp	-5 7/4		
5388	BS134A1-BK2-333-1 7/1	6645	
5389	-2 7/3		
5390	-3 7/2		
5391	-4 7/2		
5392	BS134A1-BK2-335-1 7/1	6647	

-2

7/3

5393

-3

7/1

5394

-4

7/2

5395

B8134A1-BK-196-1

6651

7/1

5396

-2

7/4

5397

-3

7/8

5398

-4

7/6

5399

PI 408449

4960

7/7

5400

5401

C641A-3-4-4-3-1

6/24

3553

9881/331581//7802098

85/669

5402

-2

6/23

5403

-3

6/25

5404

-4

6/25

5405

-5

6/24

5406

C641A-3-4-5-3-

6/19

3558

5407

6/20

5408

6/20

C641A lines have many deficiencies;
discard all of this material!

26

6/21

5409

6/21

5410

C641A-11-5-1-4-

3568

85/501

6/26

5411

6/24

5412

6/21

5413

6/23

5414

6/22

5415

C641A-22-2-3-3-

3573

6/19

5416

5417

6/20

5418

6/20

5419

6/20

5420

6/25

5421

C641A-24-3-4-3-

6/25

3579

85/589

5422

6/24

5423

6/24

5424

6/26

6/25

5425

RUT802098

4971

7/20

5426

Dm; UF; very late

b/c 8/15

C641A-29-4-4-3-

3584

6/28

5427

85/590

6/26

5428

6/22

5429

6/28

5430

6/28

5431

C641A-34-5-4-5-

3591

6/18

5432

5433

6/19

5434

6/19

5435

6/19

5436

6/19

5437

C641A-36-1-1-3-

6/26

3594

5438

6/25

5439

6/24

5440

6/22

6/24

5441

C641A-39-1-2-2-

3598

6/27

5442

6/24

5443

6/23

5444

6/24

5445

6/24

5446

C641A-42-5-2-4-

3605

6/26

5447

6/26

5448

5449

6/26

5450

6/26

5451

6/26

5452

RV7703008

7/4

3627

bk 8/15

5453

C641A-44-5-5-4-

6/20

3610

5454

6/22

5455

6/21

5456

6/22

6/22

5457

C641A-46-4-1-4-

3615

6/20

5458

6/21

5459

6/22

5460

6/21

5461

6/21

5462

C641A-60-4-3-4-

3620

6/23

5463

85/677

6/27

5464

5465

6/27

5466

6/27

5467

6/27

5468

C641A-81-3-1-5-

6/24

3626

5469

6/24

5470

6/24

5471

6/24

5472

6/24

ELBL

5775

6/15

5473

C641A-84-5-4-5-

3632

6/23

5474

6/22

5475

6/25

5476

6/23

5477

6/23

5478

C641A-87-4-5-3-

3635

6/26

5479

6/22

5480

5481

6/22

5482

6/24

5483

6/24

5484

C641A-90-3-2-1-

6/27

3638

5485

6/27

5486

6/26

5487

6/25

5488

6/27

3647 C641A-92-4-2-5-

6/19

5489

6/19

5490

6/19

5491

6/19

5492

6/19

5493

3649 C641A-BK-11-3-2-

6/28

5494

6/28

5495

6/28

5496

5497		6/28	
5498		6/28	
5499	C641A-BK-20-1-2-	6/19	3655
5500		6/21	
5501		7/3	
5502		6/18	
5503		6/19	
5504	C641A-BK-23-3-3-	6/27	3661

6/26

5505

6/27

5506

6/28

5507

6/28

5508

C641A-BK-31-3-4-

3667

6/25

5509

6/18

5510

6/19

5511

6/18

5512

5513		6/28		
5514	C641A-BK-38-3-4-	6/24		3672
5515		6/26		
5516		6/26		
5517		6/23		
5518		6/25		
5519	C641A-BK-47-3-2-	6/16		3676
5520		6/20		

6/19

5521

6/20

5522

6/19

5523

Fd

LMNT

7/4

5524

bk 8/15

C641A-Bk-50-2-3-

3682

6/25

5525

6/23

5526

6/25

5527

6/24

5528

5529		6/24		
5530	C641A-BK-61-2-3-	6/24		3687
5531		6/24		
5532		6/24		
5533		6/21		
5534		6/23		
5535	C641A-BK-63-1-2- 85/502	6/18		3691
5536		6/18		

6/18

5537

6/18

5538

6/18

5539

3693

C641A-BK-63-1-4-

6/19

5540

6/18

5541

6/20

5542

6/19

5543

6/19

5544

5545	C641A-BK-75-2-4- 85/503	6/22		3703
5546		6/25		
5547		6/24		
5548		6/24		
5549		6/22		
5550	C641A-BK-81-5-3-	6/21		3707
5551		6/19		
5552		6/20		

6/18

5553

6/19

5554

C641A-BK-109-4-5-

3714

6/20

5555

6/19

5556

6/17

5557

6/18

5558

6/18

5559

C641A-BK-111-5-3-

3717

6/21

5560

5561

6/21

5562

6/21

5563

6/21

5564

6/21

5565

PI 408449

7/10

4960

bK 8/15

5566

BT513A1-BK3-30-5-3-1

7/13

3521

372041-/LBNT * 2

5567

1/3

-2

5568

7/1

-3

bK 8/19

B7513A lines not potential varieties; good plant types and different genetic background make some useful as parents! Saved 36 no p/p but bulked some rows.

-4

7/1

5569

-5

7/1

5570

B7513A1-Bk₃-31-5-5-

3529

7/4

5571

bk 8/19

7/4

5572

7/2

5573

7/3

5574

7/3

5575

B7513A1-Bk₃-31-3-4-

3533

7/3

5576

5577

7/3

OK 8/19

5578

7/4

5579

7/6

5580

7/4

5581

BT513A1-BK₃-42-4-4-

7/4

3538

5582

7/5

5583

7/5

5584

7/5

7/4

5585

bk 8/19

B7513A1-Bk₃-44-4-1-

3540

7/4

5586

7/8

5587

7/6

5588

bk 8/19

7/6

5589

7/6

5590

B7513A1-Bk₃-45-1-3-

3547

7/8

5591

7/8

5592

5593

7/8

b7c 8/19

5594

7/7

5595

7/9

5596

LBLE-X2-1

7/12

4981

5597

"

7/2

"

5598

"

8/15

b7c 8/19

7/2

"

5599

"

7/4

"

5600

"

7/4

"

Seeded: 4/25/85

C667A grains often too small and too blunt; **38**
often tight thick; dense families; good parent material;
little culm like BOND often.

C667A-3-5-4-3-1

15808

7/15

5601

SKBT//SSD/SSS

-2

7/13

5602

-3

7/13

5603

-4

7/14

5604

-5

7/15

5605

C667A-4-3-3-1-1

15811

7/12

5606

85/569

-2

7/12

5607

-3

7/12

5608

5609

-4

7/11

5610

-1

7/11

5611

C667A-4-3-4-5-1

7/8

15820

85/632

5612

-2

7/11

5613

-3

7/10

5614

-4

7/11

5615

-5

7/11

5616

C667A-6-4-5-1-1

7/15

15821

✓
Pp
br 8/19

-2

7/14

5617

-3

7/12

5618

-4

7/10

5619

PIP

-5

7/11

5620

C667A-9-2-3-4-1

15830

85/746

7/14

5621

-2

7/13

5622

-3

7/12

5623

-4

7/13

5624

tight?

PIP

5625

-5
7/15

5626

SSD/SSS

7/23

4973

bk 8/27

5627

C667A-11-2-2-4-1

7/11

15835

5628

-2
7/8

✓ P/P
bk 2/19

5629

-3
7/8

5630

-4
7/8

5631

-5
7/12

5632

C667A-11-5-1-2-1

7/8

15838

85/570

-2

7/8

5633

-3

7/9

5634

-4

7/10

5635

P/p

bk 8/19

-5

7/11

5636

C667A-13-5-2-4-1

15845

7/9

5637

P/p

-2

7/8

5638

-3

7/12

5639

-4

7/12

5640

bk 8/19

Shorter, good

5641

-5
7/9

5642

C667A-16-4-2-2-1

7/9

15848

5643

-2
7/11

5644

-3
7/12

5645

-4
7/9

✓
p/p

5646

-5
7/8

5647

C667A-17-1-2-3-1

7/8

15855

85/633

5648

-2
7/8

✓
p/p
bx 5/9

-3

7/10

5649

-4

7/9

5650

-5

7/9

5651

SKBT

7/14

5652

bk 8/19

C667A-26-1-4-2-1

15864

7/10

5653

-2

7/9

5654

-3

7/8

5655

-4

7/8

5656

5657

-5
7/8

✓
P/P
5658

C667A-26-2-1-3-1

7/9

15870

5659

-2
7/8

5660

-3
7/9

5661

-4
7/10

✓
P/P
5662

-5
7/10

5663

C667A-26-5-5-4-1

7/10

15877

85/747

5664

-2
7/9

✓ P/P

-3

7/10

5665

-4

7/9

5666

-5

7/11

5667

C667A-29-1-1-

15880

7/8

5668

7/8

5669

✓
9/8

7/9

5670

Faller

7/9

5671

7/10

5672

5673

LIBLE

7/9

Fd

br 8/19

5674

C667A-32-2-4-1-1

7/11

15884

85/634

5675

-2

7/11

✓
p/p

br 8/19

5676

-3

7/10

5677

-4

7/8

5678

-5

7/8

5679

C667A-35-3-3-2-1

7/7

15890

5680

-2

7/8

-3

7/6

5681

-4

7/6

5682

-5

7/6

5683

✓
P/p

C667A-36-2-1-1-1

15894

85/748

7/10

5684

✓
P/p

-2

7/12

5685

-3

7/13

5686

-4

7/11

5687

-5

7/10

5688

box 8/19
 ☆
 Very good plant, steadily growing

5689

C667A-41-5-2-5-1

7/10

15908

✓ tip

bx 8/19

5690

-2

7/8

5691

-3

7/8

5692

-4

7/9

5693

-5

7/8

5694

C667A-43-2-2-2-1

7/12

15910

5695

-2

7/12

5696

-3

7/13

-4

7/14

5697

-5

7/13

5698

C667A-43-2-5-4-1

15917

7/10

5699

-2

7/12

5700

-3

7/11

5701

☆
Excellent plant

bx 8/19

-4

7/11

5702

-5

7/11

5703

C667A-43-3-5-2-1

15920

7/12

5704

5705

-2

7/11

5706

-3

7/10

✓ P/P
5707

-4

7/10

5708

-5

7/8

5709

C667A-44-2-2-1-1

7/15

15925

85/571

5710

-2

7/12

✓ P/P
5711

-3

7/12

5712

-4

7/13

-5

7/12

5713

C667A-44-2-4-4-1

15933

7/13

5714

-2

7/15

5715

-3

7/15

5716

-4

7/15

5717

-5

7/16

5718

C667A-45-1-1-1-1

15935

7/11

5719

-2

7/9

5720

5721

-3
7/8

5722

-4
7/9

5723

-5
7/8

5724

LMNT

7/17

Fd

bis 8/27

5725

C66TA-45-2-5-1-1

7/10

15940

5726

-2
7/9

5727

-3
7/8

5728

-4
7/11

-5

7/9

5729

tip ✓

C667A-51-5-1-1-1

15945

7/14

5730

85/855

-2

7/13

5731

-3

7/9

5732

tip ✓

bx 8/19

-4

7/9

5733

-5

7/10

5734

C667A-52-2-2-3-1

15953

7/8

5735

tip ✓

bx 8/19

-2

7/8

5736

5737

-3
7/12

5738

-4
7/10

5739

-5
7/9

5740

C667A-53-1-4-3-1

85/635

7/9

15958

5741

-2
7/8

5742

holder

-3
7/10

5743

-4
7/10

5744

-5
7/9

✓
P/p
bk 8/19

15963	C667A-53-1-5-3-1	7/12	5745
-------	------------------	------	------

	-2	7/12	5746
--	----	------	------

	-3	7/12	5747
--	----	------	------

	-4	7/12	5748
--	----	------	------

	-5	7/12	5749
--	----	------	------

AR Fd	BOND	7/11	5750
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be 8/19

15968	C667A-55-1-3-3-1	7/11	5751
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	-2	7/12	5752
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5753

-3

7/11

5754

-4

7/11

5755

-5

7/12

5756

C667A-56-4-2-5-1

7/10

15975

85/749

5757

-2

7/9

5758

-3

7/12

5759

-4

7/11

5760

-5

7/11

15980 C667A-58-1-1-4-1 7/13 5761

-2

7/9

5762

Excellent short
thresh on

-3

7/11

5763

P/P ✓

bk 2/9

-4

7/9

5764

-5

7/9

5765

15984 C667A-58-2-4-3-1 7/8 5766

85/637

-2

7/8

5767

P/P ✓

-3

7/8

5768

5769

-4
7/8

5770

-5
7/8

5771

C667A-59-3-2-4-1

7/8

15990

85/638

5772

-2
7/9

5773

-3
7/9

9/6/7

8/1/9

5774

-4
7/10

5775

-5
7/11

5776

RU8303046

7/16

46

bx 8/19

15992

C667A-59-3-5-1-1

7/8

5777

-2

7/9

5778

ep^v

-3

7/7

5779

-4

7/8

5780

-5

7/8

5781

15997

C667A-60-5-2-1-1

7/12

5782

85/640

-2

7/12

5783

-3

7/12

5784

5785

-4
7/12

5786

-5
7/12

✓
pp
bk 8/19
5787

C667A-60-5-4-4-1

7/11

16005

✓
pp
5788

-2
7/10

✓
pp
5789

-3
7/12

5790

-4
7/10

5791

-5
7/11

5792

C667A-62-4-3-3-1

7/12

16014

85/641

-2

7/13

5793

-3

7/12

5794

Excellent

-4

7/12

5795

-5

7/19

5796

P/P

bx 8/19

C667A-64-5-2-3-1

16024

7/13

5797

-2

7/12

5798

P/P

-3

7/14

5799

Good

bx 8/19

-4

7/15

5800

5801

-5
7/18

5802

C667A-66-4-4-4-1

7/13

16036

5803

-2
7/10

5804

-3
7/12

5805

-4
7/12

5806

-5
7/12

✓ P/p
br 8/19
5807

C667A-68-1-1-1-1

7/9

16038

85/642

5808

-2
7/9

✓ P/p
br 8/19

-3

7/12

5809

-4

7/9

5810

-5

7/9

5811

C667A-68-1-2-3-1

16045

7/9

5812

-2

7/9

5813

-3

7/9

5814

-4

7/11

5815

-5

7/8

5816

5817

C667A-68-3-4-2-1

85/644

7/9

16049

5818

-2

7/8

5819

-3

7/6

5820

-4

7/5

5821

-5

7/8

5822

C667A-72-1-2-3-1

7/9

16056

5823

-2

7/12

5824

-3

7/9

-4

7/9

5825

-5

7/9

5826

4 p/p ✓

bk 8/19

TBNT

AR Fd

7/10

5827

bk 8/19

C667A-74-4-2-5-1

16079

7/14

5828

-2

7/14

5829

-3

7/12

5830

-4

7/12

5831

-5

7/12

5832

p/p ✓

5833

C667A-T7-2-5-5-1

7/12

16094

5834

-2

7/12

5835

-3

7/12

✓ Pip
br 8/19

5836

-4

7/12

5837

-5

7/12

5838

C667A-T9-4-5-2-1

7/12

16096

5839

-2

7/8

5840

-3

7/8

-4

7/8

5841

-5

7/8

5842

C667A-80-5-1-4-1

16103

7/11

5843

-2

7/13

5844

P/p ✓

6x 8/19

-3

7/12

5845

-4

7/12

5846

-5

7/13

5847

C667A-83-1-4-3-1

16107

7/10

5848

5849

✓ P/P

-2

7/11

5850

bk 8/19

-3

7/11

5851

-4

7/10

5852

-5

7/9

5853

BLMT

7/14

Fd

bk 8/19

5854

B667A-83-1-5-4-1

7/9

16113

✓
'P/P'

5855

-2

7/9

5856

-3

7/8

-4

7/9

5857

-5

7/9

5858

C667A-84-1-1-4-1

16118

7/9

5859

-2

7/10

5860

-3

7/12

5861

-4

7/12

5862

-5

7/13

5863

7/13 ✓

C667A-BK-1-5-5-1

16124

7/10

5864

5865

-2

7/13

✓ P/P

5866

-3

7/11

5867

-4

7/10

5868

-5

7/10

5869

C667A-BK-5-1-4-1

7/11

16129

✓ P/P

5870

-2

7/11

5871

-3

7/12

5872

-4

7/12

-5

7/15

5873

LBNT

Fd

±

7/16

5874

bk 8/19

C667A-Bk-9-2-2-1

16132

7/12

5875

-2

7/12

5876

✓
rip

-3

7/12

5877

-4

7/12

5878

-5

7/13

5879

C667A-Bk-13-1-4-1

16139

7/14

5880

5881

-2
7/13

5882

-3
7/13

5883

-4
7/12

5884

-5
7/13

5885

C667A-BK-13-5-1-1

7/11

16141

85/645

5886

-2
7/12

5887

-3
7/12

5888

-4
7/10

bx 8/19

✓ P/P

-5

7/12

5889



C667A-Bk-20-4-3-1

16154

7/18

5890

-2

7/17

5891

-3

7/12

5892

P/P^v

-4

7/18

5893

-5

7/17

5894

C667A-Bk-21-5-3-1

16164

7/12

5895

-2

7/12

5896

5897 -3
7/10

5898 -4
7/10

5899 -5
7/12

5900 C667A-Bx-25-5-5-1
7/10 16176

5901 -2
7/10

5902 -3
7/9

5903 -4
7/9

5904 -5
7/8

C66TA-Bk-26-3-4-1

16181

85/646

7/8

5905

-2

7/10

5906

-3

7/9

5907

P/R ✓

bk 8/19

-4

7/8

5908

-5

7/8

5909

C66TA-Bk-27-1-1-1

16183

7/7

5910

-2

7/6

5911

-3

7/7

5912

P/R ✓

5913

-4

7/10

5914

-5

7/8

5915

C667A-BK-31-2-1-1

7/8

16188

5916

-2

7/8

✓
p/q
5917

-3

7/7

5918

-4

7/7

5919

-5

7/7

5920

C667A-BK-33-1-4-1

7/7

16196

-2

7/9

5921

-3

7/9

5922

-4

7/9

5923

p/p ✓

-5

7/9

5924

RU8303169

32

7/15

5925

6x 8/19

C66TA-BK-36-4-3-1

16200

7/7

5926

-2

7/8

5927

p/p ✓

-3

7/8

5928

5929

-4

7/8

5930

-5

7/7

5931

C667A-BK-38-1-5-1

7/7

16207

85/750

5932

-2

7/7

5933

-3

7/7

P/P

5934

-4

7/7

5935

-5

7/8

5936

C667A-BK-41-5-5-1

7/8

16217

-2

7/8

5937

-3

7/9

5938

flp

bk 8/19

-4

7/8

5939

-5

7/9

5940

C667A-Bk-42-1-1-1

16218

7/8

5941

flp

bk 8/19

-2

7/8

5942

-3

7/7

5943

-4

7/6

5944

5945

-5

7/5

5946

C667A-BK-43-2-5-1

7/8

16228

5947

-2

7/8

5948

-3

7/8

✓ pip

br 8/19

5949

-4

7/7

5950

-5

7/8

5951

NWRT

7/20

AR Fd

br 8/19

5952

C667A-BK-45-4-1-1

7/8

16229

85/648

-2

7/7

5953

-3

7/8

5954

-4

7/9

5955

-5

7/12

5956

P/P ✓

C667A-BK-46-1-5-1

16238

7/16

5957

-2

7/15

5958

-3

7/16

5959

P/P ✓

OK 8/19

-4

7/17

5960

Hatched OK

5961

-5

7/6

5962

C667A-BK-50-2-5-1

7/9

16243

5963

-2

7/12

5964

-3

7/10

later
right?

5965

-4

7/13

5966

-5

7/9

5967

C667A-BK-51-4-3-1

7/6

16252

5968

-2

7/6

✓ pip
bx 8/19

-3

7/6

5969

-4

7/6

5970

-5

7/8

5971

C667A-Bk-53-5-5-1

16259

7/9

5972

-2

7/9

5973

P/P

-3

7/12

5974

-4

7/9

5975

-5

7/9

5976

5977

NWRX

7/14

Fd

br 8/19

5978

C667A-BK-55-1-5-1

7/14

16264

✓

P/p

5979

-2

7/14

5980

-3

7/14

5981

-4

7/14

5982

-5

7/14

5983

C667A-BK-59-3-3-1

7/11

16267

5984

-2

7/12

-3

7/13

5985

P/p ✓

-4

7/11

5986

-5

7/10

5987

C667A-BK-61-1-1-1

16270

7/9

5988

-2

7/8

5989

-3

7/10

5990

-4

7/9

5991

P/p ✓

BK 8/19

-5

7/10

5992

C667A-BK-62-2-4-1

5993

7/9

16279

85/649

-2

5994

7/6

-3

5995

7/9

-4

5996

7/10

✓
p/p
br 8/19

-5

5997

7/12

C667A-BK-64-1-2-1

5998

7/12

16282

-2

5999

7/13

-3

6000

7/15

✓ p/p

-4

7/11

6001

-5

7/9

6002

C667A-BK-65-3-3-1

16288

7/11

6003

-2

7/12

6004

-3

7/12

6005

-4

7/10

6006

-5

7/12

6007

P/p ✓

C667A-BK-67-5-4-1

16299

85/857

7/12

6008

P/k ✓

6009

-2

7/15

6010

-3

7/12

6011

-4

7/13

6012

-5

7/12

6013

C667A-BK-73-5-4-1

7/9

16309

6014

-2

7/9

6015

-3

7/8

6016

-4

7/9

-5

7/9

6017

C667A-BK-77-1-1-1

16311

7/9

6018

85/751

-2

7/10

6019

-3

7/9

6020

p/p ✓

-4

7/9

6021

-5

7/12

6022

ELBL

5775

6/26

6023

C667A-BK-77-5-2-1

16317

7/9

6024

85/650

6025

-2
7/10

6026

-3
7/9

6027

-4
7/6

✓ P/P
br 8/19

6028

-5
7/7

6029

C667A-BK-78-4-3-1
7/5

16323

6030

-2
7/6

6031

-3
7/6

✓ P/P

6032

-4
7/7

-5

7/7

6033

C667A-Bk-81-4-1-1

16330

7/9

6034

-2

7/9

6035

-3

7/8

6036

Pp ✓

-4

7/12

6037

-5

7/9

6038

C667A-Bk-82-5-5-1

16339

7/9

6039

-2

7/10

6040

6041

-3

7/12

6042

-4

7/11

✓ Pip

br 8/19

6043

-5

7/11

6044

C667A-Bk-85-2-4-1

7/4

16343

6045

-2

7/5

6046

-3

7/7

✓ Pip

6047

-4

7/8

6048

-5

7/8

LEAH

35

7/17

6049

bx 8/19

C667A-BK-85-3-5-1

16349

7/4

6050

-2

7/4

6051

-3

7/4

6052

P/P ✓

-4

7/4

6053

-5

7/4

6054

C667A-BK-86-1-2-1

16357

7/9

6055

-2

7/9

6056

P/P ✓

6057

-3

7/8

6058

-4

7/9

6059

-5

7/8

6060

C667A-Bk-88-3-2-1

7/5

16362

85/652

6061

-2

7/7

6062

-3

7/5

✓ 8/8
6063

-4

7/5

6064

-5

7/4

16371 C667A-BK-96-1-1-1 7/6 6065

-2 7/9 6066

-3 7/9 6067
P/P ✓

-4 7/8 6068

-5 7/8 6069

16380 C667A-BK-99-5-4-1 7/7 6070

-2 7/10 6071

-3 7/11 6072
P/P ✓

6073

-4

7/10

6074

-5

7/9

6075

L-202

7/10

119

bk 819

6076

C667A-BK-100-4-3-1

7/11

16389

6077

-2

7/12

✓ P/P

6078

-3

7/12

6079

-4

7/13

6080

-5

7/13

16409

C66TA-BK4-9-1

7/9

6081

✓
P/P

bx 819

-2

7/11

6082

fresh good

-3

7/12

6083

-4

7/11

6084

-5

7/12

6085

16412

C66TA-BK4-12-1

7/10

6086

85/858

-2

7/10

6087

-3

7/9

6088

6089

✓ Pip

-4

7/9

6090

-5

7/10

6091

C667A-Bky-14-1

7/10

16414

6092

-2

7/9

✓ Pip

6093

-3

7/11

6094

-4

7/12

6095

-5

7/12

6096

C667A-Bky-17-1

7/10

16417

-2

7/9

6097

-3

7/9

6098

P/P

-4

7/9

6099

-5

7/12

6100

C66TA-BK4-22-1

16422

7/14

6101

-2

7/13

6102

-3

7/12

6103

P/P

b/c 8/19

-4

7/16

6104

6105		-5		
		7/13		
6106	C66TA-BK4-24-1	7/11		16424
6107		-2		
		7/12		
6108		-3		
		7/13		
6109		-4		
		7/13		
6110		-5		
		7/9		
6111	C66TA-BK4-28-1	7/7		16429
	85/752			
6112		-2		
		7/9		

-3

7/8

6113

P18 ✓

-4

7/9

6114

-5

7/9

6115

C667A-BK4-30-1

16431

7/11

6116

-2

7/10

6117

P18 ✓

-3

7/10

6118

-4

7/12

6119

-5

7/11

6120

6121

C667A-Bky-36-1

2/9

16437

6122

-2

7/9

6123

-3

7/11

6124

-4

7/10

✓ Pip

6125

-5

7/11

6126

CB-801

7/20

CB

brc 8/19

6127

C667A-Bky-40-1

7/12

16441

6128

-2

7/13

✓ Pip

-3

7/13

6129

-4

7/10

6130

-5

7/13

6131

C667A-BK4-43-1

16444

7/15

6132

-2

7/14

6133

-3

7/13

6134

-4

7/13

6135

-5

7/13

6136

6137

C667A-BK4-45-1

7/12

16446

6138

-2

7/13

6139

-3

7/13

6140

-4

7/14

6141

-5

7/11

✓
P/P

6142

C667A-BK4-49-1

7/11

16451

6143

-2

7/10

6144

-3

7/12

✓
P/P

-4

7/13

6145

-5

7/13

6146

C667A-BK2-50-1

16452

85/859

7/12

6147

-2

7/9

6148

Pp

-3

7/8

6149

-4

7/12

6150

-5

7/10

6151

LB1E-X2-2

3800

7/12

6152

BK 8/19

6153	C667A-Bky-52-1	7/9	16454
	85/753		

6154	-2	7/9	
------	----	-----	--

6155	-3	7/9	
✓ P/P			

6156	-4	7/12	
------	----	------	--

6157	-5	7/10	
------	----	------	--

6158	C667A-Bky-54-1	7/12	16456
------	----------------	------	-------

6159	-2	7/12	
------	----	------	--

6160	-3	7/12	
------	----	------	--

-4

7/13

6161

-5

7/10

6162

P/P

ok 8/19

C667A-BK4-58-1

16460

7/12

6163

-2

7/13

6164

-3

7/12

6165

-4

7/12

6166

-5

7/13

6167

P/P

C667A-BK4-62-1

16464

7/14

6168

6169

✓ P/p

-2

7/14

6170

-3

7/15

6171

-4

7/15

6172

-5

7/14

6173

RV8003005

7/12

HR

bx 8/19

6174

C667A-BK4-68-1

7/14

16470

6175

-2

7/15

✓ P/p

bx 8/19

6176

6/14/19

-3

7/15

-4

7115

6177

-5

7116

6178

16473

C667A-Bкy-71-1

7112

6179

-2

7112

6180

-3

7112

6181

-4

7112

6182

-5

7113

6183

8p^v

16479

C667A-Bкy-76-1

7112

6184

6185

-2

7/12

✓ P/P

bis 8/19

6186

-3

7/11

6187

-4

7/11

6188

-5

7/12

6189

C667A-Brey-79-1

7/13

16482

6190

-2

7/15

✓ P/P

6191

-3

7/15

6192

-4

7/14

C66TA-Bky-87-1

16490

7/15

6193

-2

7/15

6194

-3

7/15

6195

-4

7/15

6196

C66TA-Bky-89-1

16492

85/861

7/10

6197

-2

7/10

6198

-3

7/9

6199

-4

7/10

6200

very light, later

✓
P/P
bk 8/19

Seeded: 4/25/85

6201

C622A-Bk-3-1-2-4-1

7/5

16504

SKBT / L201

6202

-2

7/6

✓ pip

6203

-3

7/4

light

6204

-4

7/4

6205

-5

7/4

6206

C622A-Bk-3-4-5-4-1

7/12

16509

85/862

6207

-2

7/13

light

6208

-3

7/13

-4

7/14

6209

-5

7/15

6210

P₁₈ ✓

C622A-Bk-5-1-2-2-1

16512

7/13

6211

85/653

-2

7/14

6212

-3

7/14

6213

P₁₈ ✓

-4

7/14

6214

-5

7/13

6215

C622A-Bk-5-1-4-4-1

16519

7/14

6216

85/754

6217

7/15 -2

6218

7/15 -3

6219

7/14 -4

6220

7/15 -5

6221

C622A-BK-5-5-5-2-1

7/14

16522

85/572

6222

7/14 -2

6223

7/13 -3

6224

7/13 -4

mini plot light
bk 8/19

✓ P/R

✓ P/R
bk 8/19

		-5	7/12	6225
10952	L-201		7/11	6226
				bk 8/19
16530	C622A-BK-7-2-2-4-1		7/8	6227
"		-2	7/6	6228
"		-3	7/6	6229
"		-4	7/3	6230
16531	C622A-BK-7-2-2-5-1		7/3	6231
				p/p ✓
16530	C622A-BK-7-2-2-4-5		7/5	6232

6233

C622A-BK-7-2-2-5-2

7/9

16531

6234

7/8

-3

6235

7/6

-4

6236

7/3

-5

6237

C622A-BK-7-5-4-3-1

7/7

16534

85/573

6238

7/8

-2

6239

7/6

-3

6240

7/8

-4

-5

7/8

6241

p/p

C622A-BK-16-1-3-2-1

16538

7/9

6242

85/574

-2

7/8

6243

bx 8/19

-3

7/8

6244

-4

7/6

6245

-5

7/7

6246

C622A-BK-16-3-2-5-1

16546

7/6

6247

-2

7/8

6248

p/p

bx 8/19

6249

-3

7/7

6250

-4

7/9

6251

-5

7/9

6252

LMNT

7/21

Fd

br 8/19

6253

C622A-BK-16-3-3-3-1

7/6

16549

6254

-2

7/5

6255

-3

7/4

✓ 8/19

br 8/19

good

6256

-4

7/4

-5

7/8

6257

C622A-BK-16-5-1-3-1

16555

7/9

6258

85/654

-2

7/11

6259

P/R

-3

7/11

6260

-4

7/10

6261

-5

7/9

6262

C622A-BK-16-5-5-2-1

16559

7/11

6263

85/575

-2

7/9

6264

6265

-3
7/9

p/p

br 8/19

6266

throat ok

-4
7/9

6267

-5
7/9

6268

C622A-BK-17-1-4-1-1

85/755

7/17

16563

6269

-2
7/16

6270

-3
7/16

tail

6271

-4
7/17

6272

-5
7/17

BOND

MR FD

7/15

6273

bx 8/19

C622A-BK-18-3-4-3-1

16570

7/16

6274

-2

7/9

6275

-3

7/9

6276

p/p

-4

7/8

6277

-5

7/10

6278

C622A-BK-22-3-3-1-1

16574

7/9

6279

85/576

7/10

6280

7/7

-2

6281

7/8

-3

6282

7/8

-4

6283

7/8

-5

6284

C622A-Bk-22-4-2-3-1

7/12

16581

85/577

6285

7/11

-2

6286

7/12

-3

6287

7/10

-4

✓ P/p
Bk 2/19

-5

7/11

6288

C622A-Bk-33-3-4-5-1

16588

7/9

6289

85/578

-2

7/9

6290

-3

7/9

6291

P/10 ✓

-4

7/9

6292

-5

7/9

6293

C622A-Bk-33-5-5-3-1

16591

7/10

6294

-2

7/10

6295

6296

-3

7/12

6297

high

-4

7/12

✓
p/p

6298

-5

7/12

6299

C622A-BK-34-2-5-3-1

16596

85/156

7/13

6300

-2

7/13

6301

-3

7/12

6302

-4

7/10

✓
p/p
6303

-5

7/12

16599

C622A-Bk-34-3-2-1-1

85/757

7/11

6304

P/18

bx 8/19

-2

7/11

6305

next; check ok

-3

7/12

6306

-4

7/12

6307

-5

7/12

6308

16606

C622A-Bk-43-3-2-3-1

85/655

7/11

6309

-2

7/10

6310

P/18

-3

7/11

6311

6312

-4

7/11

6313

-5

7/11

6314

C622A-BK-43-4-4-5-1

16618

7/11

6315

-2

7/12

6316

-3

7/11

6317

-4

7/11

6318

-5

7/11

6319

C622A-BK-45-3-4-2-1

16620

7/7

✓ R/p

-2

7/17

6320

-3

7/18

6321

-4

7/16

6322

-5

7/16

6323

SKBT

Fd

7/16

6324

br 8/19

C622A-BK-45-5-4-4-1

16628

85/579

7/17

6325

-2

7/17

6326

-3

7/17

6327

PR ✓

6328

-4
7/17

6329

-5
7/16

6330

C622A-Bk-49-2-5-4-1

7/11

16633

85/758

6331

-2
7/12

6332

-3
7/12

Plp

6333

-4
7/11

6334

-5
7/12

6335

C622A-Bk-50-4-4-2-1

7/12

16636

85/656

-2

7/12

6336

-3

7/12

6337

PR

-4

7/12

6338

-5

7/12

6339

C622A-BK-57-5-2-1-1

16640

7/13

6340

-2

7/13

6341

-3

7/13

6342

-4

7/12

6343

PR ✓

6344

-5

7/13

6345

C622A-BK-58-2-3-1-1

7/15

16645

6346

-2

7/17

6347

-3

7/13

6348

-4

7/15

✓ PIP

bk 8/19

6349

-5

7/15

6350

Toro 2

7/21

53

bk 8/19

6351

C622A-BK-60-3-4-2-1

7/14

16652

85/759

-2

7/13

6352

-3

7/14

6353

-4

7/13

6354

P1P[✓]

-5

7/13

6355

C622A-Bk-63-2-4-3-1

16658

7/12

6356

-2

7/12

6357

✓

P1P

-3

7/12

6358

-4

7/12

6359

6360

-5

7/12

6361

C622A-BK-63-4-3-2-1

7/13

16662

85/657

6362

-2

7/13

✓
P/P
bk 8/19

6363

-3

7/13

6364

-4

7/13

6365

-5

7/13

6366

C622A-BK-72-1-2-1

7/18

16667

85/580

6367

-2

7/10

-3

7/10

6368

not, that ok

-4

7/9

6369

p/p

bk 8/9

-5

7/9

6370

C622A-Bk-72-5-4-2-1

16672

7/8

6371

85/581

-2

7/8

6372

-3

7/8

6373

p/p

bk 8/19

-4

7/9

6374

-5

7/9

6375

6376	RU 8303116 Wrong ID tall normal!	7/13		
6377	C622A-BK-84-3-2-1-1 85/863	7/12		16677
6378		-2 7/15		
6379		-3 7/13		
6380		-4 7/13		
6381		-5 7/16		
6382	C622A-BK-84-3-4-3-1 85/760	7/15		16684
6383		-2 7/13		

-3

7/15

6384

p/p ✓

-4

7/15

6385

-5

7/14

6386

C622A-Bk-87-1-4-5-1

16691

7/12

6387

-2

7/9

6388

p/p ✓

-3

7/8

6389

-4

7/9

6390

-5

7/10

6391

6392	C622A-BK-89-2-1-1-1	7/10		16697
✓ Pip bx 8/19	85 582			
6393		-2 7/11		
6394		-3 7/10		
6395		-4 7/12		
6396		-5 7/10		
6397	C622A-5-4-4-5-1	7/12		16706
6398		-2 7/11		
6399		-3 7/12		
✓ Pip				

-4

7/11

6400

-5

7/13

6401

C622A-5-4-4-5-3-1

16709

7/11

6402

-2

7/11

6403

-3

7/10

6404

-4

7/10

6405

p/1e ✓

-5

7/9

6406

C622A-7-2-2-1-1

16712

7/15

6407

85/658

6408

-2
7/14

6409

-3
7/12

6410

-4
7/13

pip

6411

-5
7/14

6412

C622A-7-2-4-5-1

7/12

16721

pip

bx 8/20

6413

-2
7/15

6414

-3
7/14

6415

-4
7/15

-5

7/15

6416

C622A-10-2-5-1-1

16722

85/761

7/15

6417

-2

7/15

6418

-3

7/15

6419

-4

7/14

6420

7/1

bk 8/20

-5

7/15

6421

C622A-12-3-2-4-1

16731

85/659

7/9

6422

-2

7/9

6423

6424

-3

7/10

6425

-4

7/8

6426

-5

7/9

✓
rip

RU 8303046

6427

7/20

46

bk 8/20

6428

C622A-13-3-1-2-1

7/5

16734

✓
rip

bk 8/20

6429

-2

7/5

6430

-3

7/5

6431

-4

7/6

-5

7/5

6432

C622A-13-3-4-3-1

16740

7/5

6433

-2

7/5

6434

-3

7/5

6435

Grand

P/p

bx 8/20

-4

7/6

6436

-5

7/5

6437

C622A-13-5-4-1-1

16743

7/9

6438

85/660

-2

7/9

6439

6440

-3

7/11

6441

-4

7/9

6442

-5

7/9

✓
P/P

C622A-14-1-4-2-1

6443

7/12

16749

85/762

6444

-2

7/10

✓
P/P

6445

-3

7/12

through box 0154?

6446

-4

7/11

6447

-5

7/10

16757	C622A-16-5-2-4-1	7/12	6448
	85/583		
	-2	7/11	6449
	-3	7/11	6450
	-4	7/15	6451
	-5	7/11	6452
Fd	BLMT	7/18	6453
	Contains misprints!		
16761	C622A-34-1-1-3-1	7/15	6454
	-2	7/15	6455

6456

-3

7/16

6457

-4

7/16

✓
P/p

6458

-5

7/16

6459

C622A-37-3-2-4-1

7/12

16767

✓
P/p

85/584

bx 8/20

6460

-2

7/12

6461

-3

7/11

Ground

6462

-4

7/12

6463

-5

7/12

C622A-37-4-5-3-1

16771

85/585

7/9

6464

-2

7/9

6465

-3

7/9

6466

-4

7/8

6467

p/r ✓

-5

7/9

6468

C622A-38-2-4-3-1

16777

85/661

7/11

6469

-2

7/11

6470

p/r ✓

bk 8/20

-3

7/11

6471

6472	-4 7/11		
6473	-5 7/12		
6474	LBLE 7/12	Fd	
6475	C622A-39-5-2-3-1 7/10	16782	
6476	-2 7/12		
6477	-3 7/11		
6478	-4 7/11		
6479	-5 7/12		

C622A-39-5-5-1-1

16785

85/662

7/12

6480

-2

7/12

6481

-3

7/10

6482

☆
P/P

bK

8/20

-4

7/11

6483

-5

7/11

6484

C622A-42-3-3-2-1

16791

7/19

6485

-2

7/17

6486

P/P

bK 8/20

-3

7/15

6487

6488

7/16

-4

6489

7/15

-5

6490

C622A-46-4-2-5-1

7/5

16804

6491

7/9

-2

✓ PIP

br 8/20

6492

7/9

-3

6493

7/18

-4

6494

7/16

-5

6495

C622A-47-1-2-5-1

7/12

16809

85/586

-2

7112

6496

pp

-3

7119

6497

-4

7111

6498

-5

7110

6499

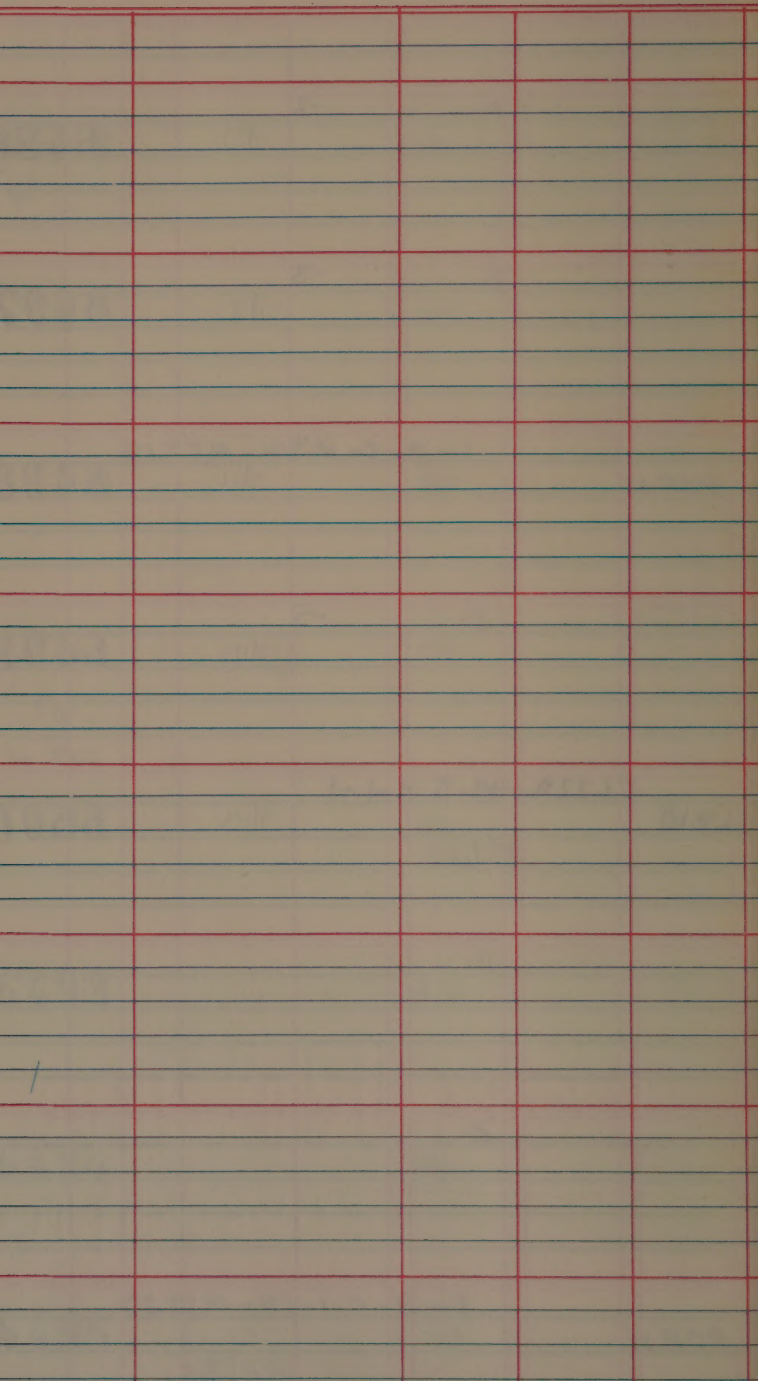
16810

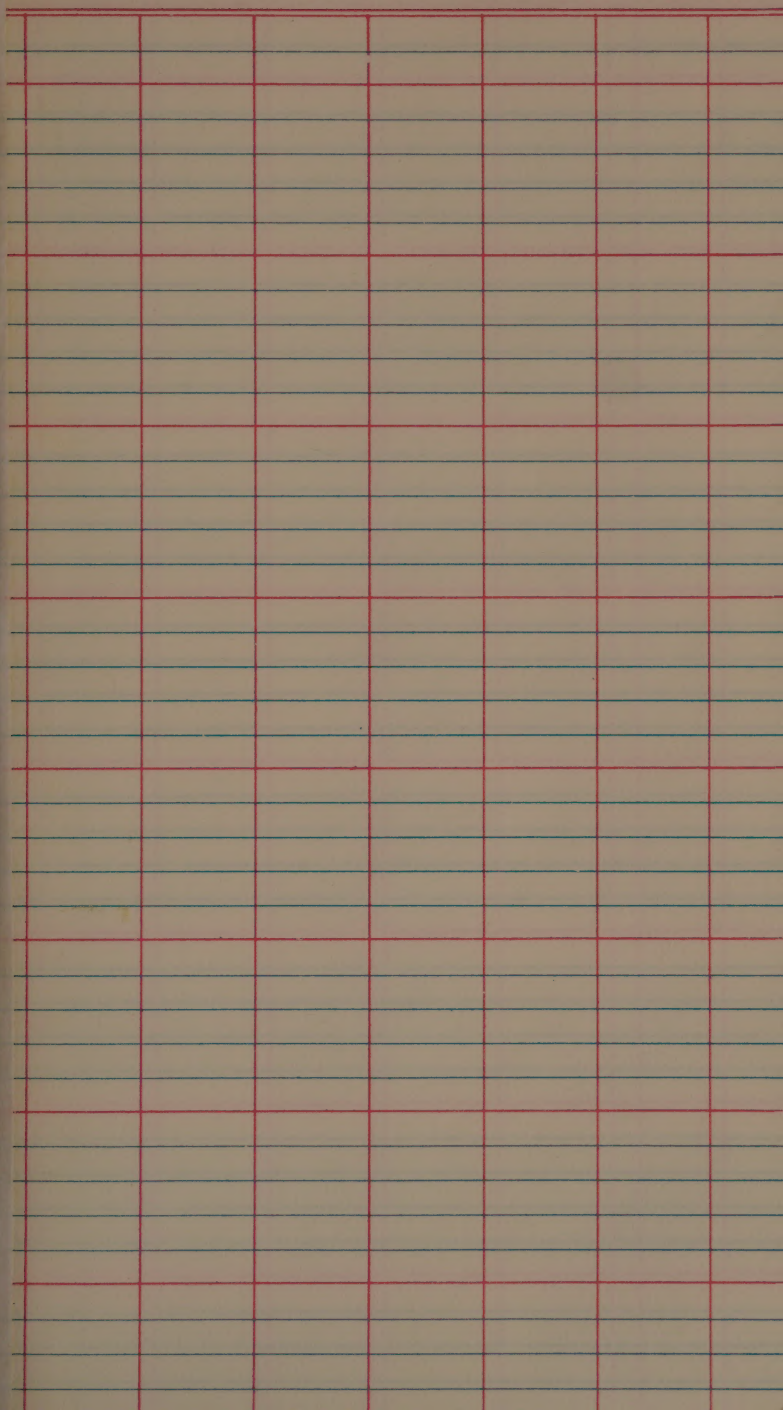
C622A-47-5-4-1-1

85/663

7113

6500





$$B8134A1 = B786A3 * F_1 / LMNT$$

$$C641A = 9881 / 331581 // 7802098$$

$$B7513A = 372041 / LBNT * 2$$

$$C667A = SKBT // SSD / SSS$$

$$C622A = SKBT / L201$$

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

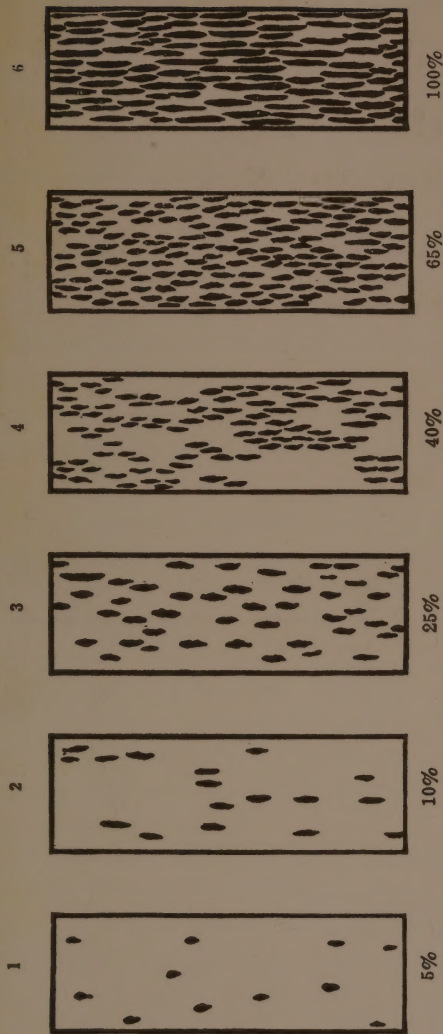
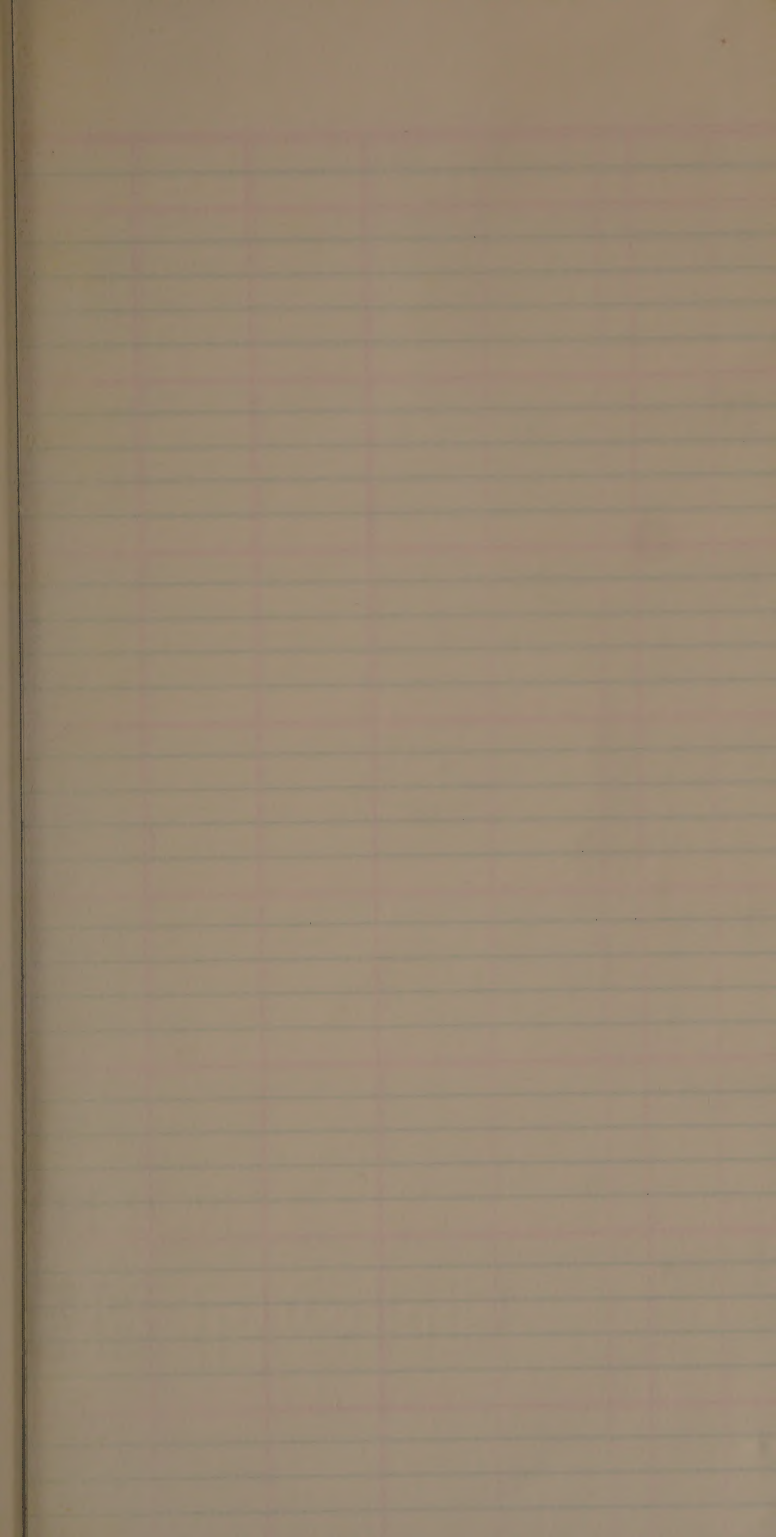
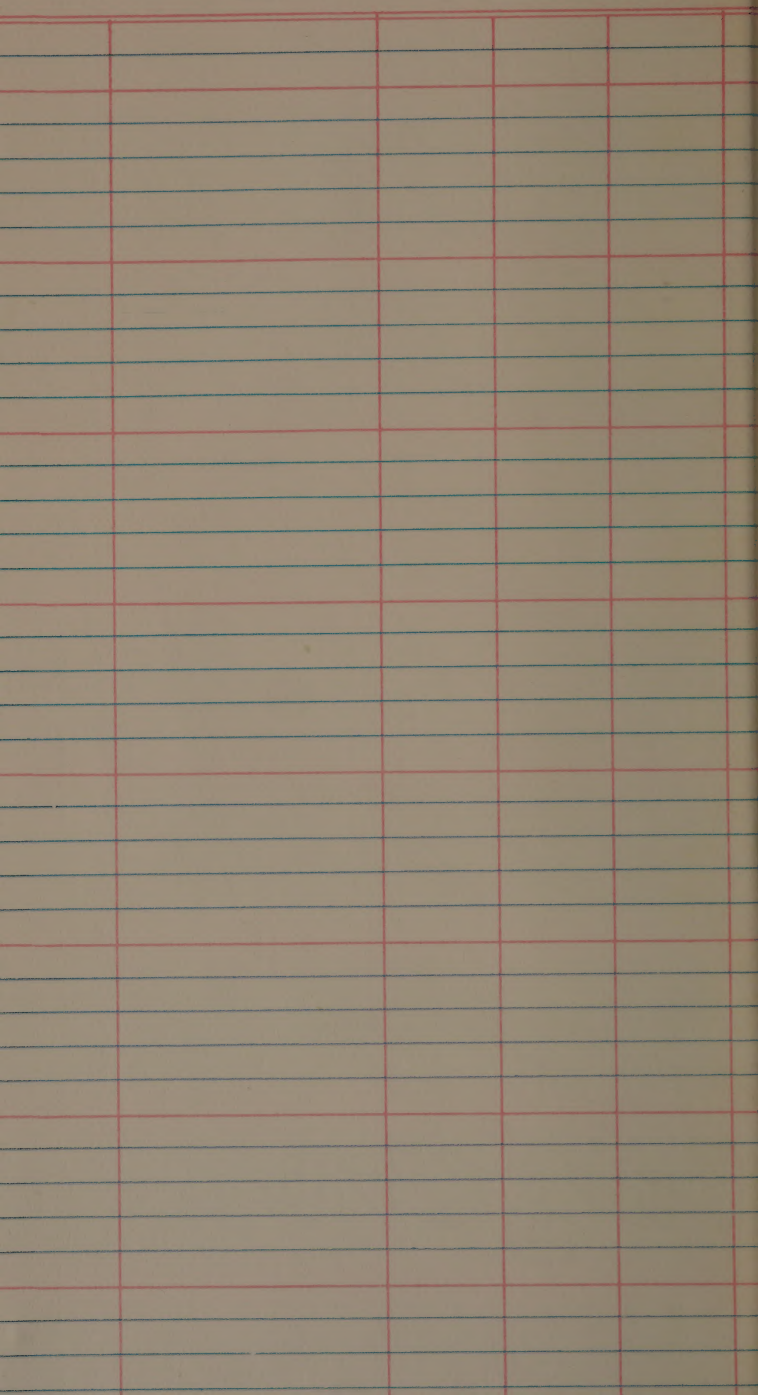


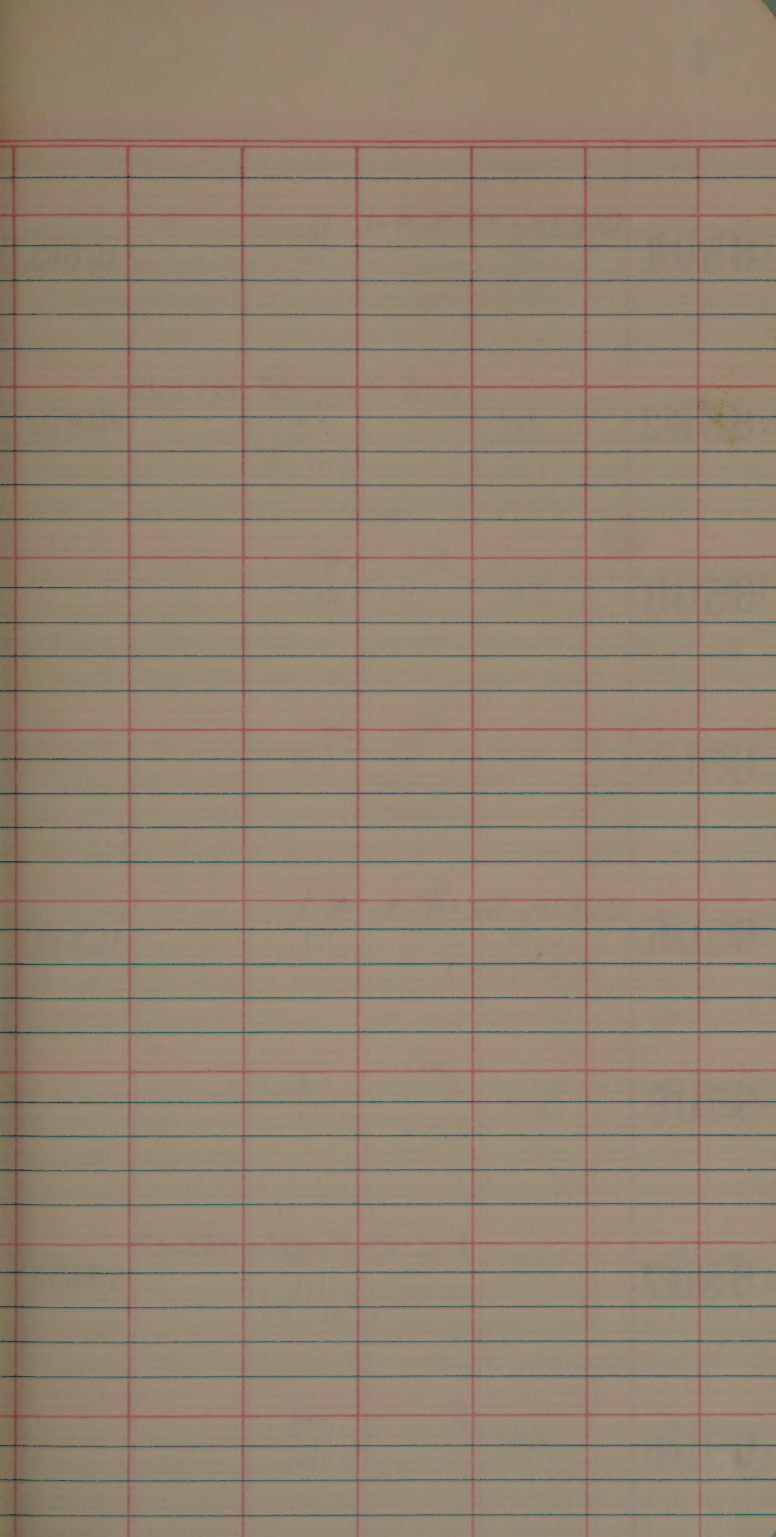
Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.







C622A-47-5-4-1-2

6501

7/12

16810

85/663

-3

6502

7/12

-4

6503

7/12

✓
P/R

-5

6504

7/13

C622A-52-4-3-4-1

6505

7/7

16818

85/587

-2

6506

7/6

-3

6507

7/11

✓
P/R

-4

6508

7/11

-5

7/9

6509

C622A-55-3-4-5-1

16824

85/664

7/12

6510

-2

7/13

6511

P/C

-3

7/11

6512

-4

7/12

6513

-5

7/11

6514

C622A-55-5-5-5-1

16830

85/763

7/12

6515

-2

7/13

6516

P/C

BR 8/20

6517

-3
7/10

6518

-4
7/12

6519

-5
7/12

6520

C622A-56-5-5-1-1

7/13

16831

6521

-2
7/11

6522

-3
7/12

6523

-4
7/11

6524

-5
7/13

Fd LBNT

7/20

6525

bx 8/20

16836 C622A-62-1-3-1-1

7/11

6526

-2

7/12

6527

-3

7/10

6528

-4

7/14

6529

-5

7/11

6530

P/P

16843 C622A-62-4-4-3-1

7/13

6531

-2

7/12

6532

6533

-3

7/12

6534

-4

7/12

6535

-5

7/12

6536

C622A-63-3-5-4-1

7/9

16849

85/588

6537

-2

7/9

6538

-3

7/9

6539

-4

7/9

6540

-5

7/9

bx 860
ground

very

pp

✓ 8/9

C622A-

16852

7/13

6541

good

bx 8/20

7/15

6542

pip ✓

7/16

6543

7/14

6544

7/17

6545

C622A-

16853

7/10

6546

85/665

7/10

6547

pip ✓

bx 8/20

7/10

6548

6549

7/10

6550

7/10

6551

TBNT

7/15

AR Fd

br 8/20

6552

C622A-

7/12

16855

6553

7/12

✓
rip
br 8/20

6554

9 and

7/15

6555

7/17

6556

7/12

C622A-

16856

7/11

6557

7/12

6558

7/10

6559

P/R

bk 8/20

7/8

6560

7/11

6561

C622A-

16859

7/17

6562

7/17

6563

7/17

6564

6565

7/17

apart plus

6566

7/17

✓
pip
bk 8/20

6567

C622A-

7/15

16860

85/864

6568

7/12

✓
pip

6569

7/12

6570

7/12

6571

7/13

6572

C622A-

7/17

16861

7/17

6573

7/16

6574

p/p

7/17

6575

7/17

6576

353

BBLE

7/16

6577

bk 8/27

16863

C622A-

7/13

6578

7/13

6579

7/13

7/13

6580

6581

7/15

6582

7/14

6583

C622A-

7/16

16865

6584

7/16

6585

7/16

6586

7/15

6587

7/16

6588

C622A-

7/8

16866

7/7

6589

✓
1/p

7/7

6590

7/7

6591

7/9

6592

16871

C622A-

85/666

7/12

6593

7/12

6594

✓
1/p

bx 8120

7/10

6595

7/11

6596

6597

7/9

6598

C622A-

7/5

16876

6599

7/9

✓
8/8

6600

7/13

6601

7/5

6602

7/10

6603

C622A-

7/13

16877

6604

7/11

7/10

6605

7/9

6606

7/12

6607

pip ✓

bxc 8/20

C622A-

16880

7/15

6608

7/16

6609

pip ✓

7/17

6610

7/17

6611

7/17

6612

C622A-

6613

7/14

16881

6614

7/13

6615

7/12

✓
P/P

bx 8/20

6616

7/11

6617

7/11

6618

C622A-

7/14

16884

6619

7/13

6620

7/14

7/14

6621

P/P

7/13

6622

ELBL

5775

6/29

6623

C622A-

16885

7/13

6624

7/13

6625

7/11

6626

P/P

7/12

6627

7/13

6628

very good

bk 2/20

6629	C622A-	7/12		16889
6630	productive?	7/13		
✓ p/p bk 8/20				
6631		7/13		
6632		7/16		
6633		7/12		
6634	C622A-	7/11		16891
6635		7/14		
6636		7/13		
✓ p/p				

7/13

6637

7/11

6638

16892

C622A-

7/13

6639

7/13

6640

✓
P/P

7/12

6641

full
right

7/11

6642

7/12

6643

16895

C622A-

7/11

6644

6645		7/17	
6646		7/15	
✓ p/p b/c 8/20			
6647		7/17	
6648		7/17	
6649	RV8303169	7/17	32
	very poor stand		
6650	C622A-	7/11	16897
✓ p/p			
6651		7/10	
6652		7/12	

7/12

6653

7/12

6654

C622A-BK5-50-1

16902

7/17

6655

-2

7/17

6656

-3

7/16

6657

-4

7/15

6658

-5

7/17

6659

C622A-

16907

7/11

6660

6661

7/13

6662

7/12

✓
p/p
bk 8/20

6663

7/13

6664

7/12

6665

C622A-

85/667

7/12

16909

6666

7/11

6667

✓
hand any

7/10

6668

7/11

✓ p/p

7/11

6669

C622A-

16912

7/16

6670

7/11

6671

7/13

6672

p/p ✓

7/13

6673

7/12

6674

L-202

119

7/14

6675

bk 8/20

C622A-

16913

7/10

6676

bk 8/20

6677

✓
P/P

7/10

6678

7/10

6679

7/12

6680

7/11

6681

C622A-

7/15

16914

6682

✓
P/P

7/14

6683

7/13

6684

7/12

7/15

6685

C622A-

16918

7/18

6686

7/17

6687

7/16

6688

7/17

6689

P/p ✓

7/18

6690

C622A-

16919

7/13

6691

7/13

6692

P/p ✓

6693

7/14

6694

7/15

6695

7/14

6696

C622A-

7/12

16922

6697

7/12

6698

light

7/12

6699

7/12

6700

7/12

C622A-

16923

7/14

6701

7/12

6702

7/11

6703

✓
P/1

7/11

6704

7/11

6705

C622A-

16932

7/13

6706

7/15

6707

7/15

6708

✓
P/1

6709		7/17	
6710		7/17	
6711	C622A- 85/764	7/11	16933
6712		7/11	
6713		7/11	
6714	✓ P10 bk 8/20	7/11	
6715		7/11	
6716	C622A-	7/14	16934

7/12

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6718

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6720

C622A-

16936

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6721

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6722

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6723

P/18

7/12

6724

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6726

RU8003005

7/11

HR

bk 8/20

6727

C622A-

7/15

16937

6728

7/17

6729

7/15

✓
Pig

6730

7/14

6731

7/17

6732

C622A-

7/14

16945

7/14

6733

7/12

6734

7/13

6735

7/13

6736

C622A-

16946

85/865

7/10

6737

7/11

6738

7/11

6739

P/P

7/12

6740

6741

7/12

6742

C622A-

7/16

16948

6743

7/16

6744

7/15

✓ P/R

6745

7/16

6746

7/16

6747

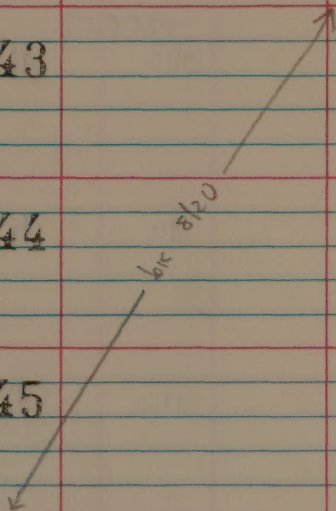
C622A-

7/15

16951

6748

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7/15

6749

7/18

6750

7/17

6751

✓
p/p

RU8303046

46

7/17

6752

b/c 8/20

C622A-

16955

7/10

6753

✓
p/p

7/9

6754

7/9

6755

7/9

6756

b/c 8/20

6757

7/9

6758

C622A-

7/13

16956

6759

7/12

✓
p/p

6760

7/10

6761

7/13

6762

7/13

6763

C622A-

7/15

16958

6764

7/14

✓
p/p

bx 8/20

7/14

6765

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7/15

6767

C622A-

7/11

6768

7/13

6769

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6770

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6771

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6772

16962

7/14

6773	BLPT	7/14	83/border
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bk 8/20

6774	C622A-	7/18	16964
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6775		7/17	
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6776		7/18	
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bk 8/20

6777		7/18	
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✓ pip

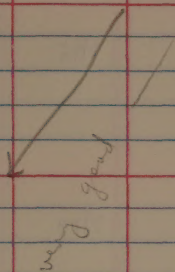
6778		7/18	
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6779	C622A-	7/13	16970
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6780		7/13	
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bk 8/20

✓ pip



7/13

6781

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6782

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6783

C622A-

16972

85/961

7/14

6784

7/11

6785

7/14

6786

1/p

7/14

6787

7/14

6788

6789

C622A-

7/15

16973

6790

7/17

✓ PIP

bx 8/20

6791

7/17

6792

7/17

6793

7/15

6794

C622A-

85/668

7/9

16982

6795

✓ PIP

7/9

6796

7/9

Seeded : 4/25/85

19

7/19

6797

7/19

6798

CT 9881

4986

7/17

6799

bx 8/20

RU 8003009

HR

7/20

6800

bx 8/20

CG22A-

16984

7/14

6801

7/14

6802

8/18 ✓

7/13

6803

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6804

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6806

C622A-

7/15

16986

6807

7/15

✓ P/p
box 8/20

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7/18

6811

C622A-

7/16

16988

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7/15

7/16

6813

flp ✓

7/16

6814

7/15

6815

16990

C622A-

7/13

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7/13

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6820

6821	C622A-	7/10	16991
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6822		7/10	
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6823		7/10	
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✓
pp
bk 8/20

6824		7/10	
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6825		7/11	
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6826	C622A-	7/13	16995
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6827		7/13	
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6828		7/13	
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7/13

6829

7/12

6830

P/P

bk 8/20

16997

C622A-

7/14

6831

7/14

6832

7/14

6833

7/14

6834

7/14

6835

16999

C622A-

7/15

6836

6837

7/12

6838

7/13

6839

7/15

✓ PIP
bk 8/20

6840

7/16

6841

PI 408449

7/28

4960

6842

RU 8403006

7/17

6

6843

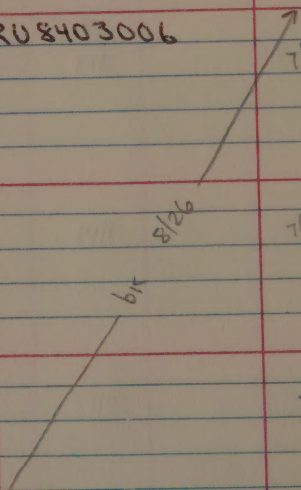
8/26

7/16

b/r

6844

7/16



RV8403006

6

7/17

6845

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6846

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6847

bk 8/26

7/16

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6851

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6852

RV8403006

6853

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6

6854

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6855

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6856

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4K

6857

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6859

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6860

7/17

35

Leah

7/20

6861

"

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6862

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6863

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bk 8/26

7/20

6864

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6869	Leah	1 7/20	35
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6870		7/20	"
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6871		7/21	"
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6872	8/26 bk	7/21	"
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6873		7/20	"
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6874		7/21	"
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6875		7/21	"
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6876		7/20	"
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35

Leah

7/21

6877

"

8/26

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6878

"

bk

7/20

6879

"

7/19

6880

168

CICA-6

7/25

6881

"

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6882

"

8/29

7/26

6883

"

bk

7/25

6884

CICA-6

6885

7/25

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6886

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6887

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6888

bK 8/29

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6889

7/27

"

6890

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7/26

"

6892

7/25

"

168	CICA-6	7/26	6893
"		7/24	6894
"		7/25	6895
"	8/29	7/26	6896
"	6K	7/26	6897
"		7/25	6898
"		7/26	6899
"		7/25	6900

6901	LMNT	↑ 7/22	Fa
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6902		7/22	
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6903		7/22	
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6904	b ¹⁵ 8/26	7/20	
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6905		7/22	
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6906		7/22	
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6907		7/22	
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6908		7/23	
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Fd

LMNT

7/21

6909

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6916

6917	LMNT	7/22	Fd
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6918	8/20	7/22	
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6919	OK	7/22	
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6920		7/22	
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6921	L-202	7/15	119
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6922		7/15	
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6923	OK	7/14	
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6924		7/15	
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119

L-202

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6925

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bk
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6931

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6932

L-202

6933

7/14

119

6934

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6935

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6936

8/20

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6940

7/13

4201-20	CI 9902	7/28	6941
"		7/28	6942
"		7/27	6943
"	8/29	7/28	6944
"	6/15	7/28	6945
"		7/28	6946
"		7/28	6947
"		7/28	6948

6949

CI 9902

7/28

4201-20

6950

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6951

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bik

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6956

7/27

4201-20	CI 9902	7/28	6957
"	"	7/28	6958
"	"	7/30	6959
"	"	7/30	6960
32	RV8303169	7/24	6961
		7/23	6962
		7/26	6963
		7/25	6964

6965	RV8303169	7/23	32
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6966		7/22	
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6967		7/23	
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6968	8/29 bk	7/25	
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6969		7/21	
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6970		7/25	
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6971		7/25	
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6972		7/25	
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RV8303169

32

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6980

bk 8/29

IR-36

6981

↑
7/23

189

6982

7/23

6983

7/23

6984

bK 9/3

7/23

6985

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6986

7/24

6987

7/24

6988

7/24

189

IR-36

7/22

6989

7/24

6990

7/22

6991

7/3

7/24

6992

6/11

7/25

6993

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6994

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6995

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6996

IR-36

6997

7/25

189

6998

7/25

9/3
bk

6999

7/26

7000

7/25



7001

RU8303046

7/20

46

7002

7/19

8/26
bk

7003

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7004

7/19

RV8303046

46

7/19

7005

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7007

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7009

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7010

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7011

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7012

bk 8/26

7013

RU8303046

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46

7014

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7015

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7016

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7017

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7018

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7019

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7020

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RV8303181

HR

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7021

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7028

bx 8/26

RU8303181

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HR

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HR

RU8303181

7/20

7037

8/26

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6K

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7040

10952

L-201

7/12

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7/12

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8/20

7/12

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6K

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L-201

7045

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10952

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8/20

7/12

OK

7049

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7050

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7051

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7052

7/11

10952

L-201

7/12

7053

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7054

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7055

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7057

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7059

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7060

8/20

64

R08303101

7061

7/17

101

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6K 8/20

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101

RV8303101

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7077 RU8303101

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101

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8/20
6K

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7/17

7080

7/16

7081 NWBT

7/25

AR Fd

7082

7/23

8/29

7083

7/25

6K

7084

7/24

NWBT

AR Fd

7/23

7085

7/23

7086

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7087

7/24

7088

7/24

7089

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7090

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7091

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7092

NW BT

7093

7/24

AR Fd

7094

7/24

7095

7/25

7096

bk 8/29

7/25

7097

7/25

7098

7/24

7099

7/25

7100

7/25

53

Toro 2

7/20

7101

7/20

7102

7/20

7103

7/19

7104

7/20

7105

7/19

7106

7/20

7107

7/19

7108

6K 8/20

Toro 2

7109

7/20

53

7110

7/19

7111

7/20

7112

6/15
8/20

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7113

7/20

7114

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7115

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7116

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53

Toro 2

7/20

7117

7/18

7118

bk 8/20

7/20

7119

7/19

7120

Fd

NWRX

7

7/21

7121

7/21

7122

8/26

7/21

7123

bk

7/21

7124

7125	NWRX	/	7/21	Fd
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7126			7/22	
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7127			7/20	
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7128	b/c 8/26		7/22	
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7129			7/20	
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7130			7/19	
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7131			7/21	
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7132			7/19	
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NWRX

Fd

7/18

7133

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7134

7/19

7135

7/20

7136

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7137

7/18

7138

7/19

7139

7/18

7140

CP 231

7141

7/19

11475

7142

7/24

7143

7/23

7144

8/29

7/24

OK

7145

7/23

7146

7/25

7147

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7148

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11475

CP 231

7/24

7149

7/24

7150

7/24

7151

7/25

7152

7/25

7153

7/24

7154

7/25

7155

7/24

7156

bk 8/24

CP 231

7157

7/24

11475

7158

8/29

7/22

6K

7159

7/24

7160

7/24

7161

STBN

7/24

76

7162

7/24

8/29

7163

7/24

6K

7164

7/24

STBN

76

7/25

7165

7/27

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7171

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7172

Some early
 toques
 bk 8/29

STBN

7173

7/24

76

7174

7/25

7175

7/24

7176

7/27

6K 8/29

7177

7/24

7178

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7/25

"Shawn" Waxy LBNT

7/19

7181

7/19

7182

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7186

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7188

7189 Waxy LBNT

7/19

~~"Shawn"~~

7190

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7191

7/22

7192

8/21

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br

7193

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7195

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7196

7/25

"Shawn" Waxy LBNT

7/21

7197

7/22

7198

bk 8/21

7/19

7199

7/19

7200

CAMO-202

4041-60

7/14

7201

7/13

7202

bk 8/21

7/13

7203

7/13

7204

7205 CAMO-202

7/12

4041-60

7206

7/12

7207

7/12

7208

7/13

8/21

6K

7209

7/12

7210

7/12

7211

7/12

7212

7/12

CAMO-202

4041-60

7/13

7213

7/13

7214

7/13

7215

7/13

7216

8/21

6K

7/13

7217

7/12

7218

7/13

7219

7/12

7220

T(N)1

7221

7/24

4121-40

7222

7/25

7223

7/23

7224

8/29

7/25

6K

7225

7/25

7226

7/27

7227

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7228

7/25

$T(N)1$

4121-40

7/24

7229

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7230

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7231

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7232

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7233

7/24

7234

7/23

7235

7/22

7236

8/29

6K

7237

T(N)1

7/25

4121-40

7238

bk 8/29

7/22

bk

7239

7/25

7240

7/24

7241

IR-28

7/13

4181-4200

↓

7242

7243

bk 8/21

7244

IR-28

4181-4200

7/13



7245

7246

7247

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7249

7250

7251

7252

early 7/13
b/c 8/12

IR-28

7253

7/13
↓

4181-200

7254

7255

7256

8/21

7257

4/11

7258

7259

7260

LA 110

199

7/22

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7/22

7262

7/22

7263

7/22

7264

7/22

7265

7/22

7266

7/22

7267

7/22

7268

bk 8/29

LA 110

7269

7/22

199

7270

7/22

7271

7/22

7272

7/22

7273

7/22

7274

7/22

7275

7/22

7276

7/22

bk 8/29

199

LA 110

7/22

7277

8/29

7/22

7278

bx

7/22

7279

7/22

7280

CI 9545

4241-60

7/21

7281

8/29

7/21

7282

bx

7/21

7283

7/21

7284

7285	CI 9545	1 7/21	4241-60
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7286		7/21	
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7287		7/21	
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7288	611 8/29	7/21	
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7289		7/21	
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7290		7/21	
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7291		7/21	
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7292		7/20	
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CI 9545

4241-60

7/21

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7297

7/21

7298

7/21

7299

7/21

7300

bK 8/29

B7921A1-BK5-

7301

7/17

19378

7302

7/17

7303

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7304

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7305

8/21
6*

7/17

7306

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7307

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19378

B7921A1-BK5-

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7309

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7310

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7311

7/16

7312

BK 5/21

7/17

7313

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7314

7/16

7315

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7316

7317

B7921A1-BK5-

7/17

19378

7318

7/17

7319

bK

7/17

7320

7/17

7321

B7921A1-BK5-

7/17

19444

7322

7/17

7323

bK 8/21

7/17

7324

7/17

B7921A1-BK5-

19444

7/17

7325

7/17

7326

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7327

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7328

7/17

7329

7/18

7330

7/17

7331

7/16

7332

bk 8/21

7333

BT921A1-BK5-

7/17

19444

7334

7/19

7335

7/17

7336

7/18

8/21

6/15

7337

7/17

7338

7/17

7339

7/17

7340

7/17

33

MARS

↑
7/17

7341

7/19

7342

7/18

7343

7/17

7344

7/18

7345

7/17

7346

7/17

7347

7/16

7348

bK 8/26

MARS

7349

7/18

33

7350

7/17

7351

8/26

7/19

7352

7/17

7353

7/18

7354

7/17

7355

7/17

7356

7/18

33

MARS

7/16

7357

7/17

7358

7/17

7359

7/18

7360

157

NATO

7/20

7361

7/20

7362

7/20

7363

7/20

7364

NATO

7365

1
7/20

157

7366

7/20

7367

7/20

7368

8/26

OK

7/20

7369

7/20

7370

7/20

7371

7/20

7372

7/20

NATO

157

7/20

7373

7/20

7374

7/20

7375

5/26

65

7/20

7376

7/17

7377

7/20

7378

7/20

7379

7/19

7380

Ribe

7381

7/13

↓

25581-82

7382

7383

7384

8/20

bk

7385

7386

7387

7388

Ribe

25581-82

7/13



7389

7390

7391

7392

6K 8/20

7393

7394

7395

7396

Seeded: 4/25/85

Ribe

7397

25581-82

7/13



7398

bx 8/20

7/13

7399

7/13

7400

7/13

7401

C631A-BK5-1

7/8

19751-99

7402003/LBLE

7402

-2

7/11

7403

-3

7/9

7404

-4

7/12

C631A-BK5-5

19751-99

7/13

7405

-6

7/9

7406

✓
P/P

b/c 8/27

-7

7/9

7407

-8

7/9

7408

-9

7/13

7409

-10

7/10

7410

-11

7/8

7411

-12

7/8

7412

✓
P/P

b/c 8/27

C631A-BK5-13

7413

7/13

19751-99

✓
rip

-14

7414

7/13

-15

7415

7/8

-16

7416

7/15

✓
rip

-17

7417

7/11

✓
rip

br 8/27

-18

7418

7/9

-19

7419

7/13

-20

7420

7/12

C631A-Bk5-21

19751-99

7/10

7421

-22

7/9

7422

-23

7/9

7423

-24

7/10

7424

RU7402003

4964

7/15

7425

bk 8/27

-25

7/10

7426

-26

7/9

7427

-27

7/14

7428

C631A-BK5-28

7429

7/5

19751-99

✓
PIP

-29

7430

7/10

-30

7431

7/5

-31

7432

7/12

-32

7433

7/10

-33

7434

7/10

✓
PIP

-34

7435

7/9

-35

7436

7/9

C631A-BK5-36

19751-99

7/9

7437

-37

7/8

7438

-38

7/11

7439

-39

7/10

7440

✓
P/P

-40

7/10

7441

-41

7/11

7442

-42

7/12

7443

✓
P/P

-43

7/11

7444

BK 8/27

C631A-Bkg-44

7445

7/4

19751-99

✓ pip

-45

7446

7/8

-46

7447

7/11

-47

7448

7/8

✓ pip ↗

br 8/27

-48

7449

7/9

LBLE

7450

7/9

Fd

br 8/27

-49

7451

7/8

-50

7452

7/5

✓ pip

C631A-Bk₅-51

19751-99

7/8

7453

-52

7/8

7454

-53

7/8

7455

-54

7/9

7456

✓ pip

bx 8/27

-55

7/10

7457

-56

7/8

7458

✓ pip

-57

7/12

7459

✓ pip

bx 8/27

-58

7/11

7460

7461

C631A-Bkg-59

7/9

19751-99

7462

-60

7/12

7463

-61

7/11

7464

-62

7/12

7465

-63

7/7

✓ 8/9

7466

-64

7/12

7467

-65

7/12

7468

-66

7/12

C631A-Bx5-67

19751-99

7/10

7469

-68

7/12

7470

-69

7/9

7471

P/p ✓

-70

7/7

7472

-71

7/12

7473

-72

7/12

7474

P/p ✓

LBLE

ELBL

5775

7/4

7475

-73

7/10

7476

C631A-Bkg-74

7477

7/11

19751-99

7478

-75

7/8

7479

-76

7/9

7480

-77

7/11

7481

-78

7/11

7482

-79

7/8

7483

-80

7/10

7484

-81

7/13

19751-99	C631A-BK5-82	7/8	7485	✓ PIP
	-83	7/9	7486	
	-84	7/10	7487	
	-85	7/13	7488	
	-86	7/9	7489	✓ PIP bK 8/27
	-87	7/9	7490	✓ PIP
	-88	7/13	7491	
	-89	7/12	7492	

C631A-Bkg-90

7493

7/13

19751-99

-91

7494

7/14

-92

7495

7/12

-93

7496

7/10

-94

7497

7/12

-95

7498

7/12

-96

7499

7/14

-97

7500

7/12

C631A - Bks - 98

19751-99

7/9

7501

-99

7/9

7502

-100

7/10

7503

△ P/p ✓

bk 8/27

-101

7/12

7504

-102

7/9

7505

P/p ✓

-103

7/8

7506

-104

7/9

7507

-105

7/10

7508

C631A-Bkg-106

7509

7/11

19751-99

-107

7510

7/11

✓
P/P

br 8/27

-108

7511

7/10

-109

7512

7/9

-110

7513

7/8

-111

7514

7/13

-112

7515

7/8

-113

7516

7/11

19751-99	C631A-BK5-114	718	7517
	-115	718	7518 ✓ P/P
	-116	719	7519
	-117	719	7520 ✓ P/P bx 8/27
	-118	7110	7521
	-119	7113	7522
	-120	717	7523
	-121	719	7524 P/P ✓

7525

BOND

7/12

AR. Fd

bk 8/27

7526

C631A-13K5-122

7/8

19751-99

✓ PIP

7527

-123

7/12

7528

-124

7/16

✓ PIP ↗

bk 8/27

7529

-125

7/10

7530

-126

7/12

7531

-127

7/11

7532

-128

7/7

19751-99	C631A-BK5-129	7/5	7533 ✓ P/P bk 8/27
	-130	7/11	7534 ✓ P/P
	-131	7/7	7535
	-132	7/10	7536 ✓ P/P bk 8/27
	-133	7/11	7537
	-134	7/9	7538 ✓ P/P
	-135	7/8	7539
	-136	7/9	7540

C631A-Bkg-137

7541

7/9

19751-99

7542

-138

7/9

7543

-139

7/9

7544

-140

7/10

✓ PIP
bk 8/27

7545

-141

7/13

✓ PIP

7546

-142

7/10

7547

-143

7/10

7548

-144

7/8

✓ PIP
bk 8/27

19751-99	C631A-Bk ₅ -145	7/10	7549 ✓ P/P
35	LEAH	7/21	7550 b/c 8/27
	-146	7/8	7551
	-147	7/6	7552 ✓ P/P
	-148	7/8	7553 ✓ P/P
	-149	7/8	7554
	-150	7/8	7555
	-151	7/8	7556

C631A-BK 5-152

7557

7/9

19751-99

-153

7558

7/8

✓
pip

-154

7559

7/8

-155

7560

7/12

✓
pip

-156

7561

7/10

✓
pip

-157

7562

7/9

-158

7563

7/8

-159

7564

7/12

9751-99	C631A - Bkg -160	719	7565
	-161	718	7566
	-162	714	7567
	-163	718	7568 p/p ✓ b/c 8/27
	-164	718	7569
	-165	712	7570 p/p ✓ b/c 8/27
	-166	712	7571
	-167	712	7572 p/p ✓

C631A-BK5-168

7573

7/10

19751-99

✓ P/P

-169

7574

7/4

SKBT

7575

7/17

Fd

bk 8/27

-170

7576

7/13

✓ P/P

-171

7577

7/10

-172

7578

7/12

-173

7579

7/9

✓ P/P

bk 8/27

-174

7580

7/12

✓ P/P

C631A-BK5-175

19751-99

7113

7581

-176

7112

7582

-177

7118

7583

-178

7112

7584

P/P ✓

-179

7112

7585

P/P ✓

b/c 8/27

-180

719

7586

P/P ✓

-181

719

7587

-182

717

7588

P/P ✓

C631A-BK5-183

7589

7/8

19751-99

7590

-184

7/9

7591

-185

7/6

✓
P/p
br 8/27

7592

-186

7/12

7593

-187

7/13

7594

-188

7/14

7595

-189

7/13

7596

-190

7/11

✓ P/p
br 8/27

C631A-BK5-191

19751-99

7/12

7597

-192

7/12

7598

-193

7/17

7599

-194

7/12

7600

-195

7/15

7601

-196

7/11

7602

-197

7/13

7603

-198

7/9

7604

C631A - Brg - 199

7605

7/8

19751-99

7606

-200

7/12

7607

-201

7/9

7608

-202

7/9

✓
rip

7609

-203

7/9

7610

-204

7/12

7611

-205

7/9

✓
rip

7612

-206

7/5

19751-99	C631A-Bkg-207	7/7	7613	✓ p/p bk 8/27
	-208	7/8	7614	
	-209	7/9	7615	✓ p/p
	-210	7/11	7616	
	-211	7/11	7617	✓ p/p
	-212	7/13	7618	
	-213	7/12	7619	
	-214	7/9	7620	

7621

C631A-Bk5-215

7/10

19751-99

7622

-216

7/9

7623

-217

7/10

7624

-218

7/14

7625

RV8303046

7/18

46

bk 8/27

7626

-219

7/10

pip
bk 8/27

7627

-220

7/10

7628

-221

7/9

9751-99	C631A-Bx5-222	719	7629
	-223	7112	7630
	-224	7110	7631
	-225	7117	7632 P/p ✓
	-226	7115	7633 P/p ✓
	-227	7116	7634
	-228	7111	7635
	-229	7119	7636

C631A-BK5-230

7637

7/10

19751-99

7638

-231

7/10

7639

-232

7/13

✓
pip
br 8/27

7640

-233

7/8

7641

-234

7/7

7642

-235

7/7

7643

-236

7/7

✓ pip

7644

-237

7/9

9751-99

C631A-Bk5-238

7/6

7645

P/p ✓

bk 8/27

-239

7/8

7646

P/p ✓

-240

7/12

7647

-241

7/4

7648

-242

7/7

7649

P/p ✓

32

RU8303169

7/21

7650

Very poor stand!

-243

7/9

7651

-244

7/13

7652

P/p ✓

C631A-Bkg-245

7653

7/5

19751-99

✓ Pip

-246

7654

7/12

-247

7655

7/13

-248

7656

7/12

-249

7657

7/9

-250

7658

7/9

-251

7659

7/9

✓ Pip

-252

7660

7/12

19751-99	C631A-Bk5-253	7/10	7661
	-254	7/12	7662 Pip ✓
	-255	7/12	7663
	-256	7/12	7664
	-257	7/18	7665
	-258	7/13	7666 Pip ✓ bk 8/27
	-259	7/12	7667
	-260	7/8	7668 Pip ✓

C631A-Bx5 -277

7669

7/9

19751-99

-278

7670

7/9

-279

7671

7/8

-280

7672

7/8

-281

7673

7/12

-282

7674

7/8

L-202

7675

7/13

119

-283

7676

7/14

19751-99	C631A-BK5-284	7/9	7677	✓ Pp bk 8/27
	-285	7/13	7678	✓ Pp
	-286	7/13	7679	
	-287	7/12	7680	
	-288	7/13	7681	
	-289	7/11	7682	
	-290	7/9	7683	
	-291	7/9	7684	

C631A-Bk5-292

7685

7/9

19751-99

7686

-293

7/13

✓
bp

7687

-294

7/10

7688

-295

7/8

✓
p/p

7689

-296

7/8

✓
p/p

7690

-297

7/8

7691

-298

7/12

7692

-299

7/8

✓
p/p

19751-99	C631A-Bx5-300	711	7693
	-301	7112	7694
	-302	7110	7695
	-303	7113	7696
	-304	7110	7697
	-305	7112	7698
	-306	711	7699
	-307	7113	7700

C631A-BK5-308

7701

7112

19751-99

-309

7702

718

-310

7703

719

✓
Pip

-311

7704

7110

-312

7705

719

✓
Pip

bx 8/27

-313

7706

7110

-314

7707

7110

✓
Pip

-315

7708

7110

C631A-BK5-316

9751-99

7112

7709

-317

7110

7710

-318

719

7711

-319

714

7712

818 ✓

bk 8/27

-320

718

7713

-321

7110

7714

-322

7110

7715

-323

7110

7716

C631A-Bkg-324

7717

7/6

19751-99

-325

7718

7/10

-326

7719

7/8

-327

7720

7/4

-328

7721

7/13

-329

7722

7/12

-330

7723

7/8

-331

7724

7/8

1751-99	C631A-BK5-332	7/8	7725
	-333	7/9	7726
	-334	7/7	7727 P/P ✓
	-335	7/11	7728
	-336	7/9	7729
	-337	7/9	7730
	-338	7/9	7731 P/P ✓
	-339	7/4	7732

Note: discarded all BT923A1 lines; hopeless material; too leafy; tight; poor grains, etc.

7733	C631A-BK5-340	7/9	19751-99
7734	-341	7/10	
7735	-342	7/8	
✓ Pip			
7736	PI 408449	7/27	4960
7737	BT923A1-BK6-1	7/12	19651-700
	7903157/VSTA		
7738	-2	7/10	
7739	-3	7/14	
7740	-4	7/17	

BT923A1-B ₆ -5				7/13	7741
9651-700					
-6				7/13	7742
-7				7/23	7743
-8				7/12	7744
-9				7/18	7745
-10				7/13	7746
-11				7/13	7747
-12				7/7	7748

B7923A1-Br₆-13

7749

7/11

19651-700

-14

7750

7/14

-15

7751

7/12

-16

7752

7/8

-17

7753

7/8

-18

7754

7/9

-19

7755

7/11

-20

7756

7/11

B7923M1-BK6-21

9651-700

7/10

7757

-22

7/13

7758

-23

7/5

7759

-24

7/9

7760

-25

7/10

7761

-26

7/12

7762

-27

7/11

7763

-28

7/7

7764

B7923A1-BK₆-29

7765

7/10

19651-700

7766

-30

7/12

7767

-31

7/14

7768

-32

7/16

7769

-33

7/17

7770

-34

7/19

7771

-35

7/12

7772

-36

7/20

9651-700	B7923A1-BK6-37	7/13	7773
	-38	7/15	7774
4972	R07903157	7/21	7775
		bic 8/27	
	-39	7/12	7776
	-40	7/14	7777
	-41	7/22	7778
	-42	7/14	7779
	-43	7/12	7780

B7923A1-BK6-44

7781

7/15

19651-700

7782

-45

7/19

7783

-46

7/21

7784

-47

7/20

7785

-48

7/15

7786

-49

7/10

7787

-50

7/12

7788

-51

7/13

B7923A1 - Bk6 - 52

19651-700

7112

7789

-53

7113

7790

-54

7113

7791

-55

7115

7792

-56

7118

7793

-57

7115

7794

-58

7113

7795

-59

7114

7796

B7923A1-BK6-60

7797

7/15

19651-700

7798

-61

7/18

7799

-62

7/16

7800

-63

7/13

7801

-64

7/11

7802

-65

7/19

7803

-66

7/15

7804

-67

7/16

B7923A1-13x6-68

19651-700

7115

7805

-69

7113

7806

-70

7113

7807

-71

7115

7808

-72

7120

7809

-73

7116

7810

-74

7110

7811

-75

7110

7812

BT923A1-BK6-76

7813

7/15

19651-100

7814

-77

7/12

7815

-78

7/19

7816

-79

7/11

7817

-80

7/13

7818

-81

7/15

7819

-82

7/14

7820

-83

7/20

BT923A1-BK6-84		7/20	7821
19651-700			
	-85	7/13	7822
	-86	7/13	7823
	-87	7/15	7824
Fd	LBNT	7/20	7825
			bk 8/27
	-88	7/15	7826
	-89	7/13	7827
	-90	7/11	7828

B7923A1-BK6-91

7829

7113

19651-700

-92

7830

7114

-93

7831

7112

-94

7832

7112

-95

7833

7110

-96

7834

7117

-97

7835

7113

-98

7836

7119

B7923A1-BK6-99

19651-100

7/10

7837

-100

7/10

7838

-101

7/17

7839

-102

7/19

7840

-103

7/7

7841

-104

7/9

7842

-105

7/22

7843

-106

7/14

7844

B7923A1-BK6-107

7845

7/12

19651-700

-108

7846

7/15

-109

7847

7/19

-110

7848

7/13

-111

7849

7/11

TBNT

7850

7/17

AR Ed

bx 8/27

-112

7851

7/16

-113

7852

7/11

B7923A1-Bx6-114

19651-700

7/12

7853

-115

7/14

7854

-116

7/11

7855

-117

7/13

7856

-118

7/14

7857

-119

7/14

7858

-120

7/16

7859

-121

7/13

7860

B7923A1-Bx6-122

7861

7/15

19651-700

7862

-123

7/14

7863

-124

7/12

7864

-125

7/11

7865

-126

7/8

7866

-127

7/15

7867

-128

7/7

7868

-129

7/11

B7923A1-Bx6-130

19651-700

7/13

7869

-131

7/13

7870

-132

7/15

7871

-133

7/14

7872

-134

7/13

7873

-135

7/13

7874

RU8003005

HR

7/12

7875

bc 8/27

-136

7/12

7876

B7923A1-BK6-137

7877

7/9

19651-100

7878

-138

7/9

7879

-139

7/12

7880

-140

7/12

7881

-141

7/13

7882

-142

7/15

7883

-143

7/14

7884

-144

7/12

B7923A1-BK6-145

19651-700

7/10

7885

-146

7/20

7886

-147

7/12

7887

-148

7/11

7888

-149

7/13

7889

-150

7/12

7890

-151

7/19

7891

-152

7/13

7892

7893	B7923A1-Bx6-153	7/20	19651-100	
7894		-154 7/11		
7895		-155 7/9		
7896		-156 7/20		
7897		-157 7/16		
7898		-158 7/15		
7899		-159 7/23		
7900		-160 7/12		

B7923A1-Bk6-161

19651-700

7/20

7901

-162

7/14

7902

-163

7/12

7903

-164

7/15

7904

-165

7/22

7905

-166

7/14

7906

-167

7/15

7907

-168

7/13

7908

B7923A1-BK6-169

7909

7/13

19651-700

7910

-170

7/19

7911

-171

7/12

7912

-172

7/13

7913

-173

7/9

7914

-174

7/13

7915

-175

7/13

7916

-176

7/15

B7923A1-BK6-177

19651-700

7/14

7917

-178

7/13

7918

-179

7/7

7919

-180

7/14

7920

-181

7/13

7921

-182

7/20

7922

-183

7/17

7923

-184

7/17

7924

7925	LMNT	7/23	Fd
bx 8/27			
7926	B7923A1-BK6-185	7/19	19651-700
7927		-186 7/13	
7928		-187 7/15	
7929		-188 7/19	
7930		-189 7/12	
7931		-190 7/15	
7932		-191 7/12	

B7923A1-BK6-192

19651-700

7/18

7933

-193

7/18

7934

-194

7/15

7935

-195

7/12

7936

-196

7/12

7937

-197

7/12

7938

-198

7/14

7939

-199

7/25

7940

B7923A1-BK6-200

7941

7/8

19651-700

7942

-201

7/14

7943

-202

7/13

7944

-203

7/20

7945

-204

7/22

7946

-205

7/13

7947

-206

7/15

7948

-207

7/20

B7923A1-BK-208

19651-700

7/7

7949

-209

7/12

7950

bk 8/27

PI 408449

4960

7/27

7951

B8154A1-BK

20225-54

bk

7/23

7952

B786A3 * F, / T603091

7/19

7953

7/20

7954

8/25

1/1

7/20

7955

7/19

7956

B8154A1-BK

7957

7/20

20225-54
bks

7958

7/20

7959

7/19

7960

7/20

R/p 8/28

7961

7/18

7962

7/20

7963

7/18

7964

7/20

B8154M1- Bk

20225-54

bk

7/18

7965

7/22

7966

7/22

7967

7/21

7968

7/20

7969

7/19

7970

7/22

7971

7/20

7972

p/p 8/28

7973

B8154A1-BK

7/20

20225-54
bk

7974

7/21

7975

7/19

7976

P/r 8/28

7/20

7977

7/22

7978

7/23

7979

7/20

7980

7/21

B8154A1-BK

20225-54

BK

7/19

7981

7/20

7982

7/22

7983

8/28

7/19

7984

1/9

7/21

7985

7/19

7986

7/19

7987

7/20

7988

B8154A1-BK

7989

7/22

20225-54
bk

7990

7/19

7991

7/19

7992

P/T 8/28

7/20

7993

7/21

7994

7/21

7995

7/22

7996

7/21

B8154A1 - BK

20225-54

bk

7/21

7997

7/18

7998

RUT603091

83/2024

7/27

7999

bk 8/27

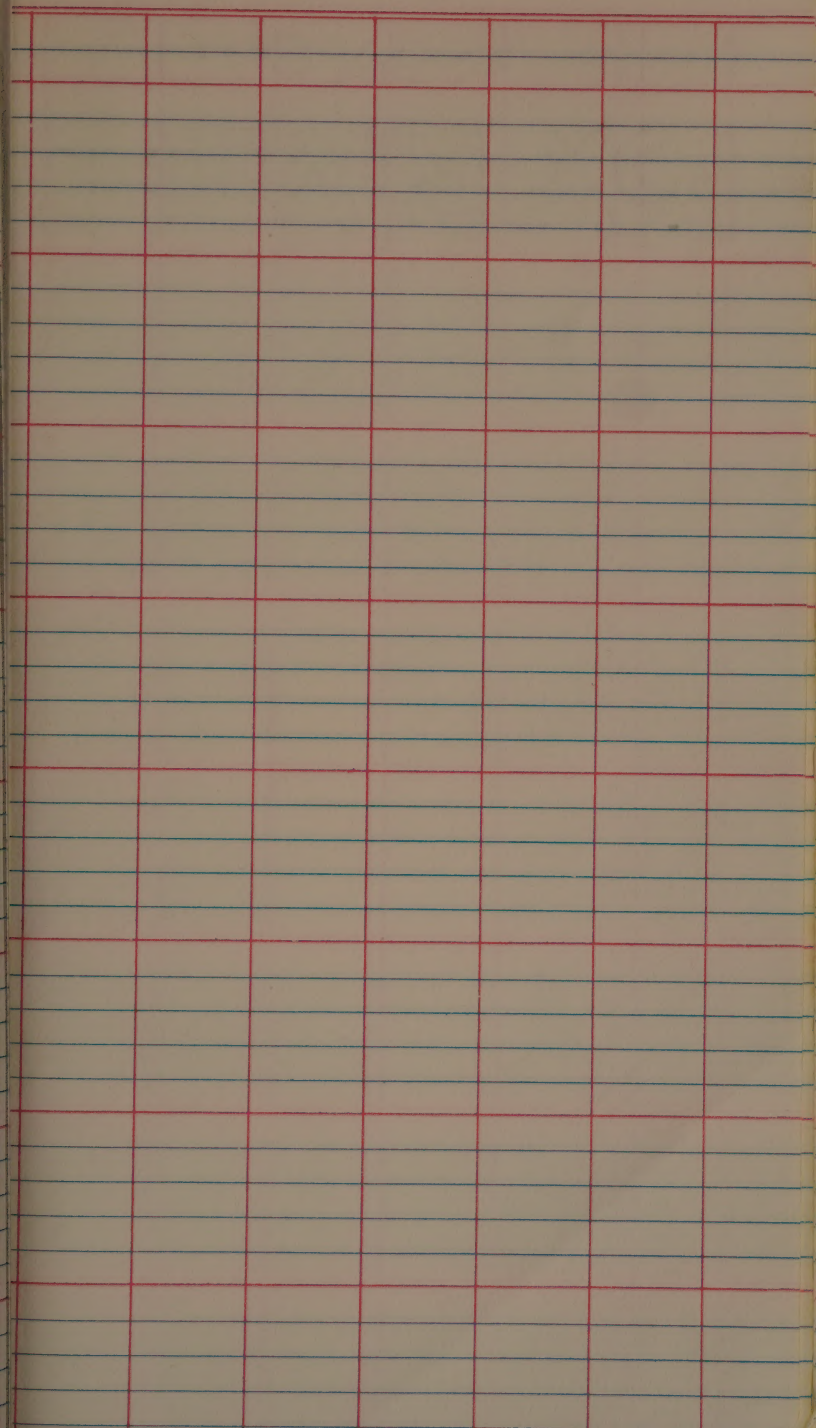
RU8303169

32

7/28

8000

[illegible]



C622 = SKBT/L201

C631A = 7402003/LBLE

B7923A1 = 7903157/VSTA

B8154A1 = BT86A3 * F, 17603091

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

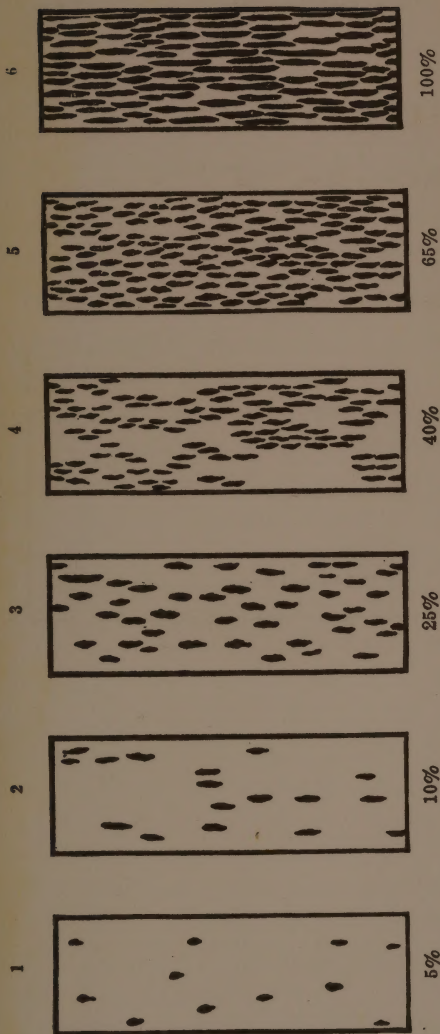
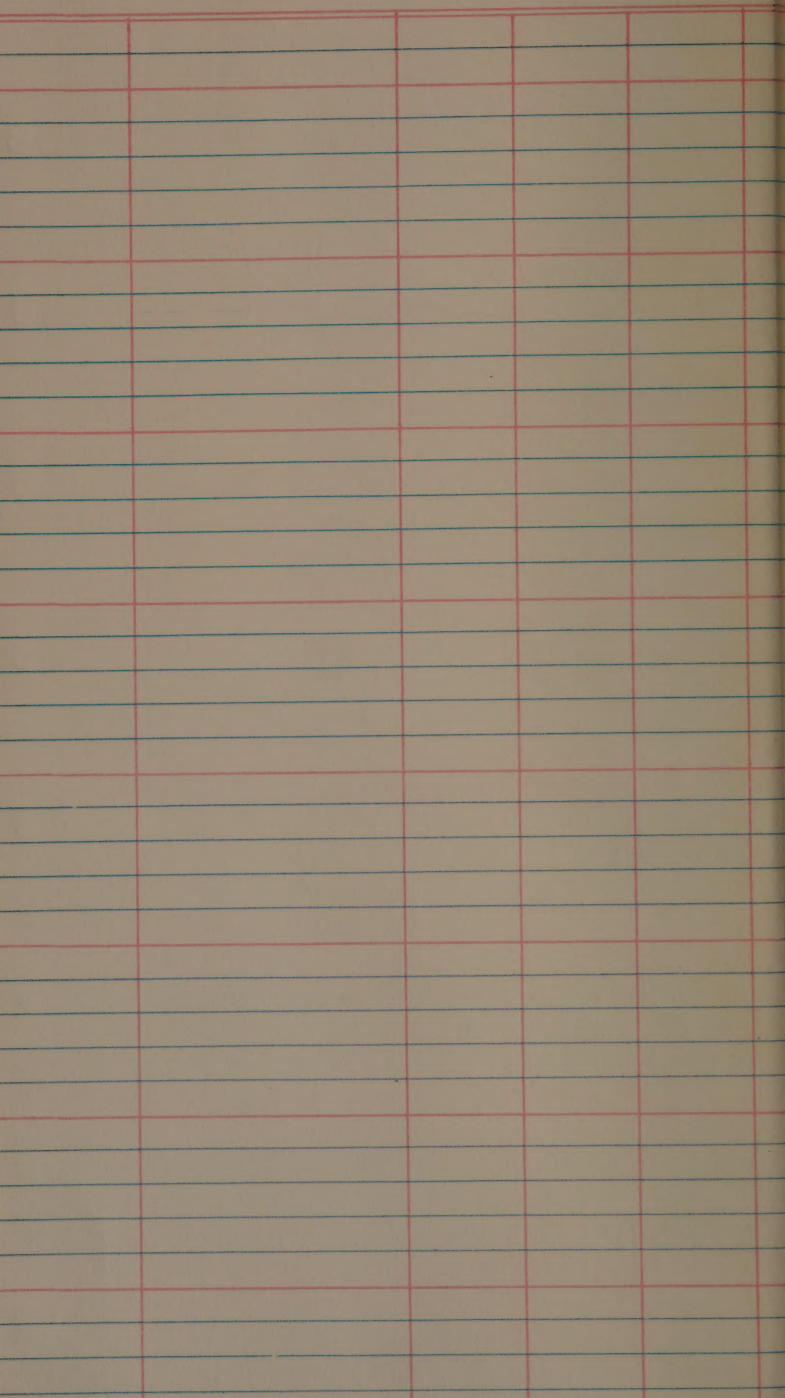
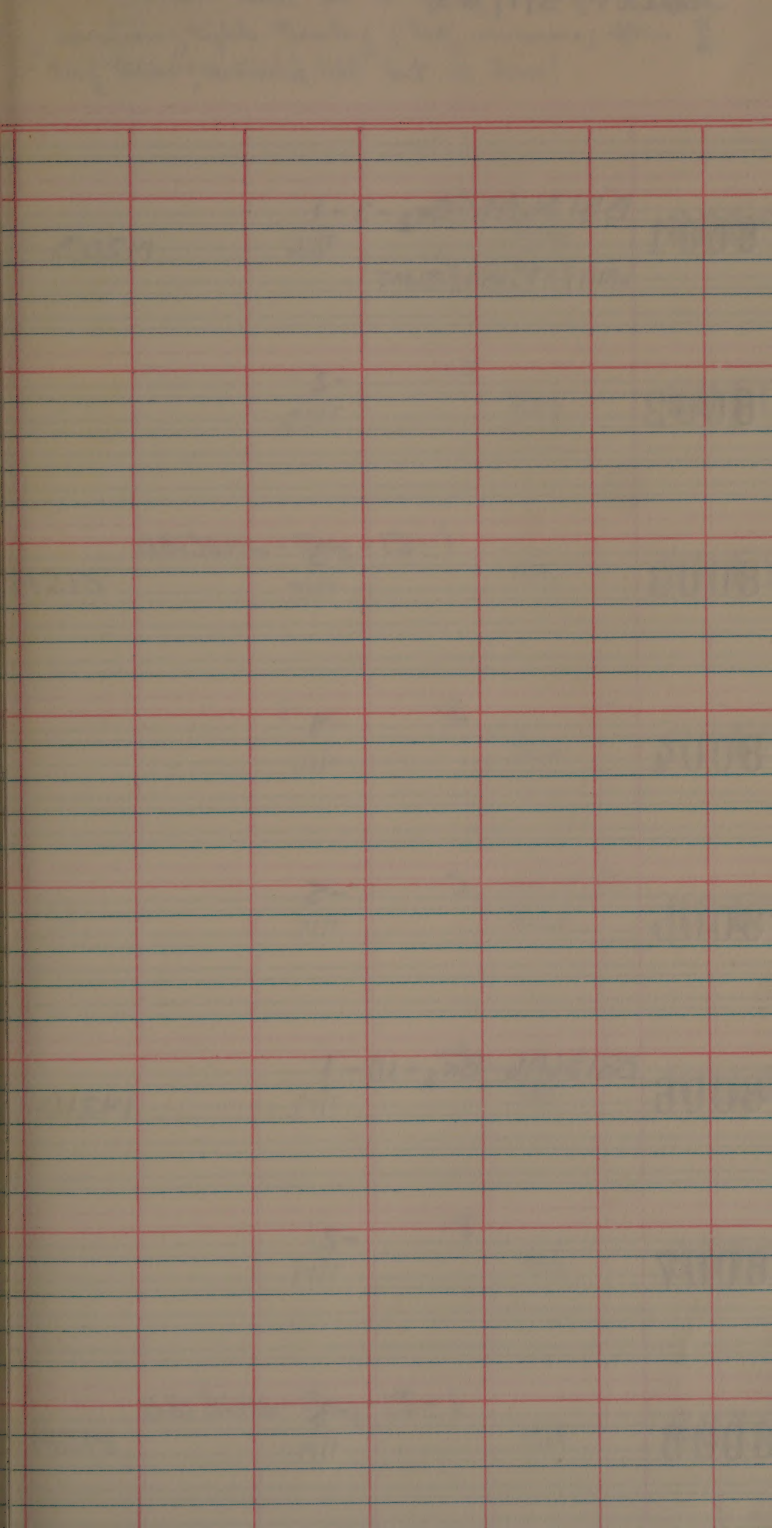


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





Seeded: 5/1/85

Bad block; soil problems!

8001	B8136A6-BK ₂ -3-1	7/26	14203
	LBUT/315650//13LMT		

8002	-2	7/28	
------	----	------	--

8003	-3	7/25	
------	----	------	--

8004	-4	7/26	
------	----	------	--

8005	-5	7/19	
------	----	------	--

8006	B8136A6-BK ₂ -10-1	7/19	14210
------	-------------------------------	------	-------

8007	-2	7/19	
------	----	------	--

8008	-3	7/19	
------	----	------	--

Note: B8136A lines as a group are poor. poor
expectation; tight thinking; leaf senescence; often 1
long leaves; discarded all but 10 lines!

-4

7/20

8009

-5

7/23

8010

B8136A₆-B_K₂-13-1

14213

7/19

8011

-2

7/23

8012

-3

7/21

8013

-4

7/17

8014

-5

7/17

8015

B8136A₆-B_K₂-15-1

14215

7/19

8016

8017

-2
7/23

8018

-3
7/22

8019

-4
7/21

8020

-5
7/22

8021

B8136A6-Bk₂-16-1

7/22

14216

8022

-2
7/16

8023

-3
7/22

8024

-4
7/22

-5

7/26

8025

BLMT

Fd

8/2

8026

B8136A6-BK₂-21-1

14221

7/23

8027

1/1

-2

7/22

8028

-3

7/21

8029

-4

7/21

8030

-5

7/21

8031

B8136A6-BK₂-24-1

14224

7/15

8032

8033

-2

7/16

8034

-3

7/18

8035

-4

7/17

8036

-5

7/20

8037

B8136A6-Bx₂-25-1

7/21

14226

8038

-2

7/17

8039

-3

7/18

8040

-4

7/22

✓ PIP

-5

7/23

8041

B8136A6-Bk₂-26-1

14227

7/18

8042

-2

7/17

8043

-3

7/16

8044

-4

7/18

8045

-5

7/19

8046

B8136A6-Bk₂-31-1

14232

7/22

8047

-2

7/26

8048

8049

-3

7/26

8050

-4

7/23

8051

-5

7/22

8052

LBNT

7/21

Fd

8053

B8136A6-Bx2-33-1

7/17

14234

8054

-2

7/16

8055

-3

7/16

8056

-4

7/20

-5

7/16

8057

B8136A6-Bk₂-37-1

14238

7/16

8058

-2

7/16

8059

-3

7/18

8060

-4

7/18

8061

-5

7/19

8062

B8136A6-Bk₂-41-1

14242

7/19

8063

-2

7/16

8064

8065

-3
7/17

8066

-4
7/17

8067

-5
7/20

8068

BB136A6-Bk₂-42-1
7/17

14243

8069

-2
7/17

8070

-3
7/19

8071

-4
7/16

8072

-5
7/21

LMNT

Fd

7/27

8073

B8136A6-Bk₂-43-1

14244

7/19

8074

-2

7/16

8075

-3

7/17

8076

-4

7/23

8077

-5

7/23

8078

B8136A6-Bk₂-45-1

14246

7/19

8079

-2

7/21

8080

8081

-3

7/19

8082

-4

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8083

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Note: discarded all C625A lines; none were
of sufficient promise to keep.

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	-5	7/11	8525
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8577		-4 7/21		
8578		-5 7/19		
8579	C625A-BK-79-2-3-1	7/14		3782
8580		-2 7/12		
8581		-3 7/14		
8582		-4 7/15		
8583		-5 7/15		
8584	C625A-BK-91-2-1-1	7/16		3785

-2

7/15

8585

-3

7/14

8586

-4

7/14

8587

-5

7/14

8588

C625A-BK-91-3-1-1

3790

7/12

8589

-2

7/12

8590

-3

7/12

8591

-4

7/12

8592

8593		7/13	-5	
8594	C625A-Bx-92-5-1-1 85/505	7/9		3795
8595		7/9	-2	
8596		7/9	-3	
8597		7/10	-4	
8598		7/10	-5	
8599	ELBL	7/2		5775
8600	LBLF-X2-2	7/19		3800

Seeded: 5/1/85

38

8603	C642A-1-4-2-3-1	7/22	8601
	9881/331581//7801007		
	85/884	-2 7/20	8602
		-3 7/18	8603
		-4 7/19	8604
		-5 7/17	8605
8610	C642A-4-5-2-5-1	7/18	8606
		-2 7/17	8607
		-3 7/18	8608

light, poor
fruits

✓ 8609

-4

7/19

Plp

8610

-5

7/20

8611

C642A-6-41-5-1

7/25

8615

85/796

8612

-2

-

8613

-3

8/2

8614

-4

7/24

8615

-5

7/25

8616

C642A-11-1-3-2-1

7/23

8617

Extreme stunting / poor stand

-2

7/20

8617

-3

7/20

8618

-4

7/20

8619

-5

7/25

8620

C642A-12-2-3-4-1

8624

7/25

8621

-2

7/23

8622

-3

7/25

8623

-4

7/22

8624

Severe storming

P/O ✓

8625

-5

7/23

8626

RU7703008

8/8

3627

X

Only 3(stunted)
plants

8627

C642A-22-1-5-1-1

7/17

8632

85/886

8628

-2

7/18

8629

-3

7/17

✓ 8630

-4

7/19

p/p
bk 9/3

8631

-5

7/19

8632

C642A-23-2-2-5-1

7/13

8641

-2

7/14

8633

-3

7/14

8634

-4

7/15

8635

-5

7/17

8636

C642A-23-2-5-1-1

8642

7/13

8637

-2

7/14

8638

-3

7/13

8639

P/P ✓

-4

7/18

8640

7/20

7/19

8649

7/21

8650

7/20

8651

4969

RU7801007

7/23

8652

bix 9/3

8656

C642A-28-5-2-4-

85/683

7/21

8653

7/23

8654

7/19

8655

p/p

bix 9/3

7/20

8656

thos OK

8657

7/23

8658

C642A-29-3-4-3-

7/23

8660

85/684

8659

7/21

8660

7/23

8661

7/21

✓
p/p

bx 9/3

8662

7/21

8663

C642A-31-5-2-4-1

7/23

8666

85/935

8664

2

7/21

✓
p/p

bx 9/3

7/20

8665

7/21

8666

7/21

8667

C642A-33-4-2-1-

8668

85/797

7/20

8668

7/21

8669

7/21

8670

7/22

8671

7/23

8672

1/2 ✓

8673	LMNT	8/1		Fd
8674	C642A-37-2-1-2-	7/26		8680
8675		7/25		
8676	thresh OK	7/23		
8677	✓	7/20		
	✓ P1/r OK 9/3			
8678		7/18		
8679	C642A-40-3-1-3- 85/798	7/20		8691
8680		7/18		

7/18

8681

7/18

8682

7/19

8683

✓
P/p

C642A-BK-14-4-1-

8694

7/17

8684

7/21

8685

✓
V/p

7/20

8686

7/20

8687

7/21

8688

C642A-Bx-21-2-4-

8689

7/17

8702

✓
p/p

85/799

bx 9/3

8690

7/17

8691

7/18

8692

7/18

8693

7/19

8694

C642A-Bx-29-5-4-1

7/19

8707

85/887

8695

2

7/22

8696

3

7/20

✓
p/p
bx 9/3

7/18

8697

7/23

8698

C642A-BK-46-3-1-

8709

7/20

8699

85/888

7/27

8700

7/22

8701

Same quantity

7/31

8702

8/1

8703

C642A-BK-48-2-1-

8714

7/31

8704

85/685

8705

7/19

✓ pip

8706

7/20

8707

7/21

8708

7/25

8709 C642A-Bk-48-4-3-

7/24

8721

85/689

8710

7/24

8711

7/24

Same starting

8712

7/23

7/26

8713

C642A-BK-52-4-5-

8729

7/31

8714

7/30

8715

8716

7/31

8717

7/27

8718

C642A-BK-53-1-3-

8732

7/25

8719

85/800

7/24

8720

8721

7/27

8722

7/21

8723

7/25

8724

SKBT

7/25

Fd

bx 9/3

8725

C642A-BK-61-4-2-

7/20

8741

8726

7/18

8727

7/23

8728

7/24

7/20

8729

C642A-Bk-62-3-4-1

8748

7/25

8730

85/889

-2

7/26

8731

pp ✓

b/c 9/3

-3

7/23

8732

7/21

8733

7/19

8734

C642A-Bk-63-2-3-

8753

7/20

8735

85/593

7/20

8736

pp ✓

b/c 9/3

8737

7/19

8738

7/18

8739

7/17

8740

C642A-Bk4-1-1

7/17

8761

8741

-2

7/14

8742

-3

7/16

8743

✓
rip

6K 9/3

-4

7/16

8744

-5

7/16

8765	C642A-Bky-5-1	7/14	8745
	-2	7/18	8746
	-3	7/15	8747
	-4	7/17	8748
	-5	7/17	8749
AR Fd	BOND	7/16	8750
8766	C642A-Bky-6-1	7/25	8751
	85/936		
	-2	7/26	8752

↗
 r/p
 b/c 9/3

8753

-3
7/26

8754

-4
7/25

8755

-5
7/26

8756

C642A-Br4-10-

7/23

8770

8757

7/23

8758

7/23

8759

7/22

8760

7/21

Inter

br 9/3

✓
pp

C642A-Bky-14-

8774

7115

8761

7117

8762

7119

8763

7119

8764

7119

8765

C642A-Bky-15-

8776

7118

8766

p/p[✓]

bx 913

7120

8767

7119

8768

8769

7/19

8770

7/17

8771

C642A-BK4-17-

7/20

8778

8772

7/19

✓
Pip

bic 9/3

8773

7/17

8774

7/20

8775

7/18

8776

TBNT

7/17

AR Ed

bic 9/3

8781

C642A-Bky-20-

7/23

8777

7/21

8778

P_{1r}✓

bx 9/3

7/19

8779

7/22

8780

7/23

8781

8784

C642A-Bky-23-

7/22

8782

7/18

8783

7/19

8784

P_{1r}✓

8785

7/21

8786

7/23

8787

С642А-Вк4-24-

7/17

8785

✓
P/P

8788

7/19

8789

7/19

8790

7/20

8791

7/18

8792

С642А-Вк4-26-

7/20

8787

7/20

8793

7/20

8794

7/20

8795

7/18

8796

8789

C642A-Bky-28-

85/690

7/20

8797

7/23

8798

7/22

8799

7/23

8800

Severe stunting

8801

7/19

✓
rip

8802

C642A-Bky-32-

7/19

8793

8803

7/16

✓
rip

8804

7/15

8805

7/18

8806

7/20

8807

C642A-Bky-33-

7/18

8794

✓
rip

8808

7/18

7/23

8809

7/23

8810

7/22

8811

8798

C642A-BK4-37-

7/29

8812

7/26

8813

7/25

8814

7/27

8815

7/28

8816

C642A-Bky-41-

8817

7/27

8802

8818

7/24

8819

7/22

✓
P/P
br 9/3

8820

7/25

8821

7/26

C642A-Bky-48-

8822

7/21

8809

8823

7/20

8824

7/18

thresh ok

7/18

8825

p

b/c 9/3

7/18

8826

RU8303046

46

7/25

8827

b/c 9/3

C642A-BK4-50-

8811

7/20

8828

7/18

8829

7/18

8830

7/19

8831

p

b/c 9/3

7/18

8832

C642A-Bky-52-

8833

7/17

8813

8834

7/18

✓
P/p

8835

No plants

8836

7/20

8837

7/20

C642A-Bky-57-

8838

7/17

8818

8839

7/14

✓
P/p
bk 9/3

8840

7/16

7/16

8841

7/14

8842

C642A-BK4-59-

8820

7/22

8843

7/26

8844

7/21

8845

P/R

bx 913

7/24

8846

7/25

8847

C642A-BK4-61-

8822

7/22

8848

8849

7/22

✓ P/p

br 9/3

8850

7/25

8851

7/20

8852

7/20

8853

RU8303181

7/25

HR

8854

C642A-Bky-66-

7/22

8828

8855

7/19

✓ P/p

8856

7/23

7/21

8857

7/24

8858

C642A-Bky-68-

8830

7/31

8859

7/31

8860

7/21

8861

later

8/1

8862

7/31

8863

C642A-Bky-75-

8837

7/24

8864

8865

7/31

8866

late

7/31

8867

7/31

8868

7/31

8869

C642A-Bky-79-1

7/24

8841

85/890

8870

-2

7/20

8871

-3

7/25

8872

-4

7/23

✓
p/p

br 9/3

-5

7/30

8873

32

RU8303169

7/31

8874

8848

C642A-Bky-86-

7/20

8875

7/20

8876

P/P

9/3

7/20

8877

7/20

8878

7/20

8879

8851

C642A-Bky-88-

7/16

8880

8881

7/16

8882

7/16

poor
gran?

8883

7/17

8884

7/16

8885

C642A-Bxy-91-

7/23

8854

8886

7/21

8887

7/21

✓ PIP

8888

7/21

7/19

8889

C642A-Bky-94-

8857

7/23

8890

7/23

8891

7/20

8892

7/19

8893

7/20

8894

P/p

C642A-Bky-98-

8861

7/23

8895

7/23

8896

8897

7/21

8898

7/22

8899

7/23

8900

C642A-BK4-103-

7/27

8866

8901

7/23

8902

7/22

8903

7/20

8904

7/23

8868 C642A-Bky-105-

7/20

8905

7/23.

8906

7/22

8907

✓
P/P

bx 9/4

7/23

8908

7/22

8909

8870 C642A-Bky-107-

7/17

8910

✓
P/P

bx 9/4

7/19

8911

7/20

8912

8913

7/17

8914

7/20

8915

C642A-BK4-110-

7/18

8873

✓ P/p

bk 9/4

8916

7/19

8917

7/17

thresh very easy

8918

7/18

8919

7/17

8920

C642A-BK4-113-

7/18

8877

7/22

8921

7/17

8922

7/20

8923

7/22

8924

Fd

LBLE

7/15

8925

bx 9/4

8883

C642A-Bky-119-

7/17

8926

7/17

8927

7/17

8928

11p ✓

bx 9/4

8929

7/18

8930

7/15

8931

C642A-BK4-120-

7/19

8884

8932

7/20

8933

7/23

8934

7/22

✓
pip

8935

7/25

8936

C642A-BK4-124-

8888

7/20

8937

7/27

8938

7/22

8939

7/20

8940

8891

C642A-Bky-127-

7/19

8941

7/17

8942

7/17

8943

7/17

8944

1/p

bn 9/14

8945

7/17

8946

C642A-BK4-133-

7/30

8897

8947

7/23

8948

7/31

8949

7/31

8950

7/23

8951

LBNT

7/20

Fd

bk 9/4

8952

C642A-BK4-134-

7/13

8898

7/13

8953

7/15

8954

p/p

bk 9/4

7/16

8955

7/15

8956

C642A-Bky-138-

8902

7/16

8957

p/p

bk 9/4

7/16

8958

7/17

8959

7/17

8960

8961

7/19

8962

C642A-Bky-145-

7/18

8909

85/803

8963

7/18

8964

7/17

8965

7/17

✓ p/p

8966

7/18

C642A-Bky-150-

8967

7/19

8914

✓ p/p

bk 9/14

8968

7/20

7/18

8969

7/17

8970

7/17

8971

C642A-Bky-152-

8916

7/17

8972

7/17

8973

7/19

8974

v/p

7/19

8975

7/22

8976

LEAH

8977

7/25

35

bc 9/4

C642A-Bky-153-

8978

7/17

8917

8979

7/18

8980

7/20

✓

8/18

8981

7/19

8982

7/19

8983

C642A-Bky-155-

7/19

8919

8984

7/16

7/20

8985

7/17

8986

7/16

8987

C642A-Bky-158-

8922

7/17

8988

7/17

8989

7/17

8990

7/17

8991

tip

7/16

8992

C642A-Bky-159-

8993

7/20

8923

8994

7/20

8995

7/20

8996

7/20

8997

7/19

8998

C642A-Bky-161-

7/15

8926

8999

7/19

9000

7/16

7/19

9001

7/16

9002

8931

C642A-Bky-166-

7/20

9003

7/20

9004

7/20

9005

7/20

9006

7/21

9007

✓
PIP

8935

C642A-Bky-170-

7/20

9008

9009

7/20

9010

7/17

✓
P/p



bk 9/4

9011

7/18

9012

7/17

9013

C642A-Bky-176-

7/19

8941

9014

7/20

9015

7/19

✓
P/p

9016

7/20

7/18

9017

8943

C642A-Bky-178-

7/16

9018

7/17

9019

7/20

9020

7/22

9021

7/18

9022

1/10

bk 9/4

CB

CB 801

7/30

9023

bk 9/4

8946

C642A-Bky-181-

7/19

9024

9025

7/20

9026

✓ p/p ☆

bx 9/4

7/21

9027

7/21

9028

7/20

9029

C642A-BK4-188-

7/15

8954

9030

7/16

9031

7/16

9032

7/17

7/16

9033

P/p ✓

C642A-BK4-192-

8958

7/19

9034

7/18

9035

7/19

9036

7/19

9037

7/17

9038

C642A-BK4-197-

8963

7/18

9039

P/p ✓

bx 9/4

7/19

9040

9041

7/20

9042

7/19

9043

7/17

C642A-BK4-202-

9044

7/20

8968

9045

7/20

9046

7/19

9047

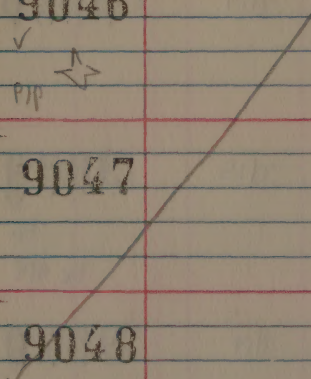
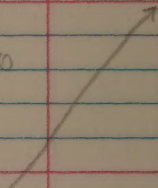
7/19

9048

7/20

✓
P/P

br
9/4



119

L-202

7/16

9049

bk 9/4

8971

C642A-BK4-205-

7/16

9050

P/p ✓

7/16

9051

7/17

9052

7/17

9053

7/16

9054

8974

C642A-BK4-208-

7/17

9055

85/891

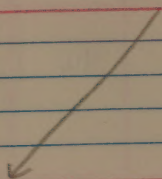
7/18

9056

P/p ✓

9057

7/18



9058

7/19

9059

7/18

9060

C642A-BK4-210-

7/16

8977

✓ P/P

9061

7/16

9062

7/14

9063

7/15

9064

7/15

C642A-Bky-214-

8981

85/691

7/116

9065

7/116

9066

7/117

9067

✓
P/P

7/118

9068

7/116

9069

C642A-Bky-215-

8982

7/120

9070

7/119

9071

✓
P/P

7/119

9072

✓thrust

OK

1K

9/14

9073

7/20

9074

7/19

9075

ELBL

7/1

5775

9076

C642A-Bky-218-

7/17

8985

9077

7/17

9078

7/17

✓ Pip

9079

7/19

9080

7/22

8989 C642A-Bky-222-

7/19

9081

7/16

9082

7/17

9083

7/17

9084

7/17

9085

8990 C642A-Bky-223-

7/16

9086

✓

P/p

bx 7/14

7/14

9087

7/16

9088

9089

7/15

9090

7/17

9091

C642A-Bky-226-

85/692

7/16

8993

9092

7/14

9093

7/17

9094

7/16

9095

7/15

9096

C642A-Bky-228-

7/17

8995

7/20

9097

rip ✓

bk 9/4

7/18

9098

7/20

9099

7/21

9100

8996

C642A - Bky - 229 -

7/14

9101

7/15

9102

7/15

9103

7/15

9104

9105

7/15

✓ R/p

9106

C642A-Bky-242-

7/13

9009

✓ R/p

9107

7/14

9108

7/16

9109

7/14

9110

7/14

9111

C642A-Bky-245-

7/17

9012

9112

7/18

✓ R/p
bx 9/14

7/17

9113

7/19

9114

7/17

9115

9014

C642A-Bky-247-

7/17

9116

7/18

9117

p/p ✓

7/18

9118

7/18

9119

7/18

9120

9121

C642A-BK4-254-

7/14

9021

9122

7/17

9123

7/17

✓ P/p

bx 9/4

alc

✓ hres 4

9124

7/17

9125

7/17

9126

NWBT

7/29

AR Fd

bx 9/4

9127

C642A-BK4-256-

7/17

9023

9128

7/17

✓ P/p

bx 9/4

7116

9129

7115

9130

7115

9131

9029

C642A-BK4-261-

7116

9132

7114

9133

7117

9134

7117

9135

7117

9136

C642A-Bky-262-

9137

7/16

9030

9138

7/17

9139

7/17

Thresh ok
bx 9/4

9140

7/17

✓ pig →
↙

9141

7/16

C642A-Bky-265-

9142

7/13

9033

9143

7/12

9144

7/13

5/29/87

7/12

9145

7/14

9146

P/P ✓

9037

C642A-Bky-269-

7/18

9147

7/18

9148

7/18

9149

7/18

9150

P/P ✓

7/19

9151

Toro 2

53

7/23

9152

bks 9/14

9153	C642A-Bky-274-	7/17	9042
------	----------------	------	------

9154		7/19	
------	--	------	--

✓ Pp

9155		7/17	
------	--	------	--

9156		7/15	
------	--	------	--

9157		7/17	
------	--	------	--

9158	C642A-Bky-290-	7/17	9059
------	----------------	------	------

9159		7/17	
------	--	------	--

9160		7/17	
------	--	------	--

7/17

9161

P/P ✓

7/17

9162

9060

C642A-Bк4-291-

7/17

9163

7/17

9164

7/17

9165

P/P ✓

7/17

9166

7/17

9167

9064

C642A-Bк4-295-

7/17

9168

9169		7/17		
9170		7/19		
9171		7/18		
9172		7/18		
9173	L-201	7/14		10952
	bk 9/4			
9174	C642A-Bky-297-	7/18		9066
9175		7/20		
9176		7/19		

7/19

9177

7/18

9178

Pip[✓]

9072

C642A-Bky-303-

85/804

7/17

9179

7/17

9180

7/16

9181

Pip[✓]

7/17

9182

7/16

9183

9076

C642A-Bky-306-

7/17

9184

9185

✓ P/P

7/16

9186

7/15

9187

7/14

9188

7/17

9189

C642A-Bky-310-

7/16

9080

9190

7/17

9191

✓ P/P

7/16

9192

7/16

7/15

9193

C642A-Bky-313-

9083

7/14

9194

7/11

9195

7/15

9196

9/16

9197

9/16

9198

IR-36

189

7/28

9199

bx 9/4

CICA-6

168

7/29

9200

bx 9/4

Seeded: 5/2/85

9201	C642A-Bky-316-	7/25	9086
9202		7/27	
9203		7/25	
9204		7/25	
9205		7/20	
9206	C642A-Bky-323-	7/18	9093
9207		7/19	
9208		7/19	

7/20

9209

7/19

9210

9097

CG42A-Bky-327-

7/17

9211

7/17

9212

7/14

9213

P/p ✓

7/18

9214

7/15

9215

9101

CG42A-Bky-331-

7/18

9216

9217

7/17

9218

7/21

9219

7/18

✓
pip

bx 9/4

9220

7/22

9221

C642A-Bxy-332-

7/24

9102

9222

7/20

9223

7/23

9224

7/22

✓
pip

bx 9/4

7/23

9225

4989

PI 331581

7/28

9226

only 4 plants

C642A-Bky-341-

9111

7/18

9227

P/P ✓

7/19

9228

7/19

9229

7/21

9230

7/20

9231

C642A-Bky-344-

9114

7/23

9232

9233

7/24

9234

7/19

✓
pip

9235

7/21

9236

7/25

9237

C642A-Bxy-347-

7/18

9117

9238

7/14

9239

7/19

9240

7/13

7/17

9241

9120

CG42A-Bky-350-

7/20

9242

7/19

9243

rip[✓]

7/18

9244

7/18

9245

7/19

9246

9124

CG42A-Bky-354-

7/20

9247

7/18

9248

9249	7/20		
9250	7/20		
9251 Pip	7/18		
9252 b/c 9/4	CI 9902 8/8	4201-20	
9253	C642A-BK4-358- 7/20	9129	
9254	7/20		
9255	7/23		
9256	7/27		

7/23

9257

9130

C642A-Bky-359-

85/693

7/20

9258

7/23

9259

7/20

9260

7/19

9261

7/22

9262

9131

C642A-Bky-360-

7/19

9263

7/19

9264

9265

7/17

9266

7/18

9267

7/17

✓
pp
br 9/4

9268

C642A-BK4-363-

7/23

9134

9269

7/22

✓
pp

9270

7/24

9271

7/25

9272

7/23

144

RU 8403144

7/24

9273

Very poor stand!

X

9139

C642A-Bky-368-

7/23

9274

7/23

9275

7/25

9276

7/23

9277

7/23

9278

9141

C642A-Bky-370-

7/20

9279

7/21

9280

9281

7/18

9282

7/19

9283

7/20

9284

C642A-BK4-374-

7/23

9145

9285

7/22

9286

7/31

9287

—

9288

C642A-BK4-377-

7/23

9148

7/22

9289

7/18

9290

7/19

9291

9150

C642A-Bky-379-

7/23

9292

7/23

9293

1/2 ✓

7/20

9294

7/18

9295

9151

C642A-Bky-380-

7/19

9296

1/2 ✓

9297

7/21

9298

7/23

9299

7/22

9300

PI 408449

X

4960

9301

C623A-BK-2-4-5-5-1

7/13

12205

SKBT/1402003

9302

-2

7/11

9303

-3

7/13

9304

-4

7/11

✓ PIP

-5

7/11

9305

C623A-Bx-5-3-1-3-1

12208

7/13

9306

85/107

-2

7/14

9307

bx 8/27

-3

7/15

9308

-4

7/13

9309

p/p ✓

-5

7/14

9310

C623A-Bx-7-1-4-5-1

12215

7/15

9311

-2

7/16

9312

bx 8/27

9313		7/16	-3
✓ pp			
9314		7/16	-4
9315		7/16	-5
9316	C623A-BK-8-2-2-5-	7/15	12220
9317		7/17	
9318		7/17	
9319		7/16	
9320		7/15	
✓ pp			
BK 8/27			

C623A-BK-10-4-3-1-

12221

85/708

7/14

9321

7/14

9322

7/14

9323

7/14

9324

7/16

9325

SKBT

Fd

7/24

9326

bk 8/27

C623A-BK-11-5-3-3-

12229

7/13

9327

7/12

9328

9329

7/13

9330

7/11

✓ Pp

9331

7/12

9332

C623A-BK-13-3-1-2- →

7/10

12233

85/530

✓ Pp

9333

7/10

9334

7/10

59.0x

9335

7/10

9336

7/10

✓ Pp

C623A-BK-13-3-3-4-

12240

7/14

9337

7/12

9338

7/11

9339

✓
P/P

bk 8/27

7/14

9340

7/14

9341

C623A-BK-14-4-5-5-

12246

7/16

9342

✓
P/P

7/16

9343

7/21

9344

9345

7/18

9346

7/18

9347

C623A-Bx-16-1-3-1-

85/531

7/16

12247

9348

7/16

9349

7/14

9350

7/14

9351

7/13

✓ P10

9352

LBLE

7/15

Fd

bx 8/27

12254	C623A-BK-17-1-1-2-	7/14	9353
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		7/10	9354
--	--	------	------

		7/12	9355
--	--	------	------

		7/11	9356
--	--	------	------

		7/13	9357
--	--	------	------

p/p

12260	C623A-BK-19-5-3-3-1	7/19	9358
-------	---------------------	------	------

85/815

		-2 7/17	9359
--	--	------------	------

		-3 7/16	9360
--	--	------------	------

p/p

bk 8/27

9361

7/16

9362

7/19

9363

C623A-Bk-24-2-5-1-1

85/816

7/17

12268

9364

7/17

-2

9365

proof
Bk-24-2-5-1-1
Bk-24-2-5-1-1

8/27

7/17

-3

9366

7/17

-4

9367

7/17

-5

9368

C623A-Bk-25-2-1-2-

7/11

12275

7/11

9369

7/11

9370

P/P ✓

7/11

9371

7/11

9372

BOND

AR Fd

7/15

9373

bk 8/27

C623A-Bx-26-3-1-1-

12279

7/16

9374

7/16

9375

P/P ✓

7/15

9376

shorter; good

bk 8/27

9377

7/14

9378

7/14

9379

C623A-Bk-27-2-1-5-

12288

7/14

9380

7/13

9381

7/13

✓ PIP

9382

7/13

9383

7/12

9384

C623A-Bk-27-3-5-1-

12289

7/11

85/532

7/13

9385

7/11

9386

P/p ✓
18

7/11

9387

7/14

9388

C623A-Bk-30-3-3-2-

12300

7/11

9389

7/10

9390

7/10

9391

P/p ✓

bk 8/27

7/10

9392

9393

7/11

9394

C623A-BK-32-2-3-4-

7/11

12307

85/609

9395

7/14

✓ P/p

9396

7/14

9397

7/13

9398

7/17

9399

C623A-BK-35-5-3-4-

7/19

12312

85/709

400

7/18

0

7/19

9401

7/21

9402

7/16

9403

P/P ✓

C623A-BK-36-5-3-5-

12318

85/533

7/11

9404

7/11

9405

7/10

9406

7/11

9407

7/10

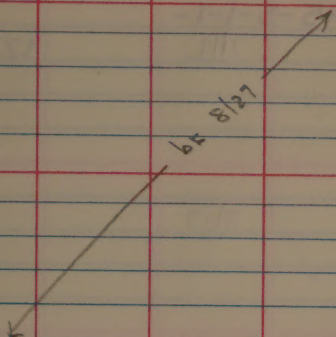
9408

P/P ✓

8/27

b/c

9409	C623A-Bk-38-2-2-3-	7/10		12321
9410		7/10		
9411	✓ pp bk 8/27 thresh easy	7/10		
9412		7/10		
9413		7/10		
9414	C623A-Bk-39-5-1-1-	7/16		12325
9415		7/15		
9416		7/12		



7/15

9417

7/14

9418

p/p ✓

C623A-BK-43-3-1-3-1

12332

7/11

9419

85/534

-2

7/12

9420

-3

7/13

9421

p/p ✓

-4

7/14

9422

bk 8/27

-5

7/14

9423

RU7402003

4964

7/16

9424

bk 8/27

C623A-BK-45-3-1-1-

9425

7/16

12335

9426

7/17

9427

7/18

9428

7/17

9429

7/16

9430

C623A-BK-48-1-1-5-

7/14

12344

9431

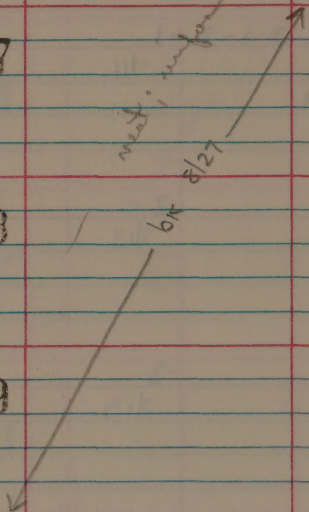
7/12

9432

7/14

next: uniform

6/8 8/27



7/16

9433

7/16

9434

p/c

C623A-Bk-48-4-2-1-

12345

7/15

9435

85/710

7/11

9436

7/11

9437

7/11

7/14

9438

7/16

9439

C623A-Bk2-1-5-1-

12351

7/11

9440

9441

7/10

9442

7/10

✓
rip

9443

7/10

9444

7/10

9445 C623A-Bk2-3-4-2-

7/14

12357

9446

7/11

9447

7/15

9448

7/14

✓
rip

7/16

9449

Fd

LMNT

few plants

7/23

9450

X

12364

C623A-BK₂-6-5-4-

7/12

9451

7/14

9452

7/12

9453

7/11

9454

7/11

9455

p/p ✓

12370

C623A-BK₂-9-1-5-

7/9

9456

9457

7/9

✓ Pip

bx 8/27

9458

7/10

9459

7/10

9460

7/11

9461

C623A-Bk₂-11-3-3-

7/14

12373

9462

7/12

9463

7/11

✓ Pip

9464

7/12

7/12

9465

12378

C623A-Bk₂-13-3-2-

7/11

9466

7/12

9467

p/p ✓

Bk 8/27

7/11

9468

7/11

9469

7/11

9470

12389

C623A-Bk₂-20-3-3-

7/11

9471

85/7/11

p/p ✓

7/11

9472

9473

7/12

9474

7/14

9475

7/14

9476

RU8303046

7/22

46

bc 8/27

9477

C623A-BK₂-29-3-2-

7/15

12393

9478

7/13

9479

7/12

9480

7/11

7/11

9481

P/p ✓

12400

C623A-Bx₂-36-4-4-

85/610

7/12

9482

7/13

9483

7/14

9484

7/14

9485

P/p ✓

7/11

9486

12406

C623A-Bx₂-39-5-5-

85/712

7/15

9487

7/16

9488

9489

7/15

9490

7/16

9491

7/16

9492

C623A-Bk₂-51-4-2-

7/16

12418

9493

7/16

9494

7/16

9495

7/15

9496

7/16

✓ 91e

12424

C623A-Bx₂-56-5-3-1

85/611

7/14

9497

-2

7/15

9498

818 ✓

-3

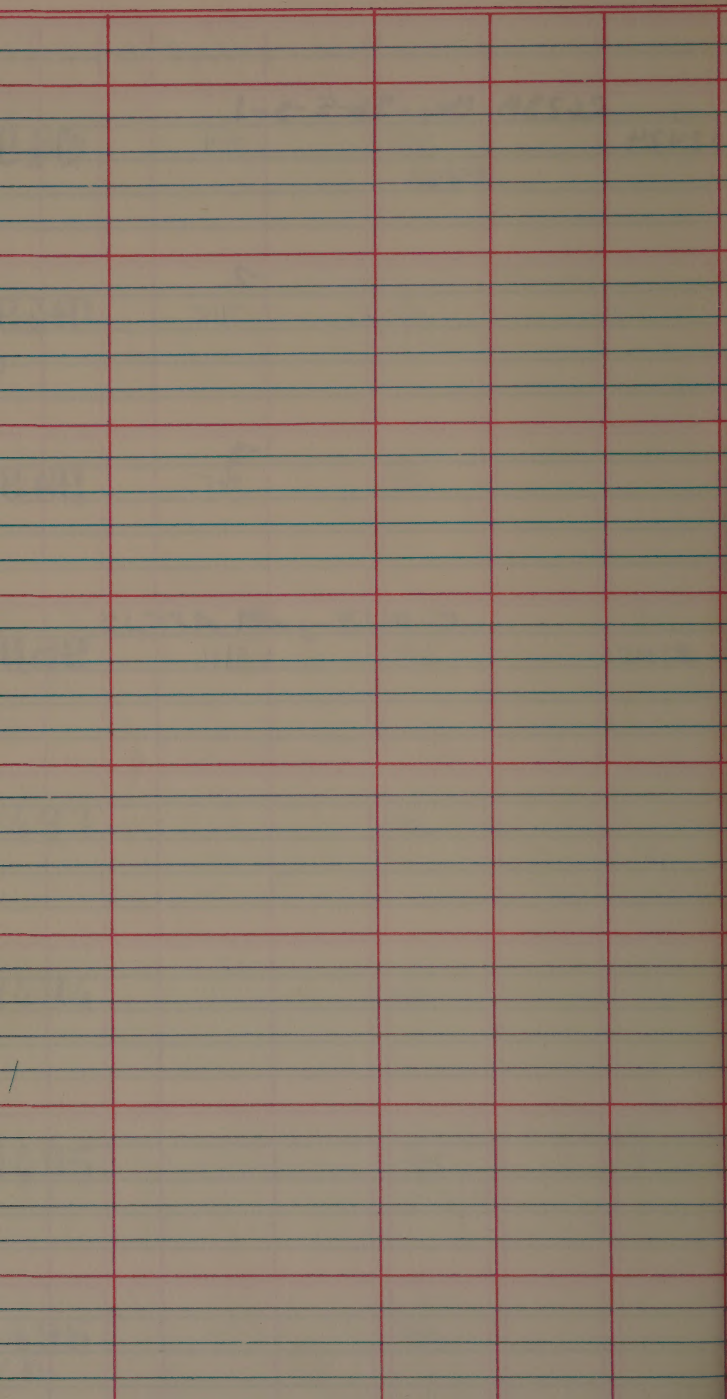
7/15

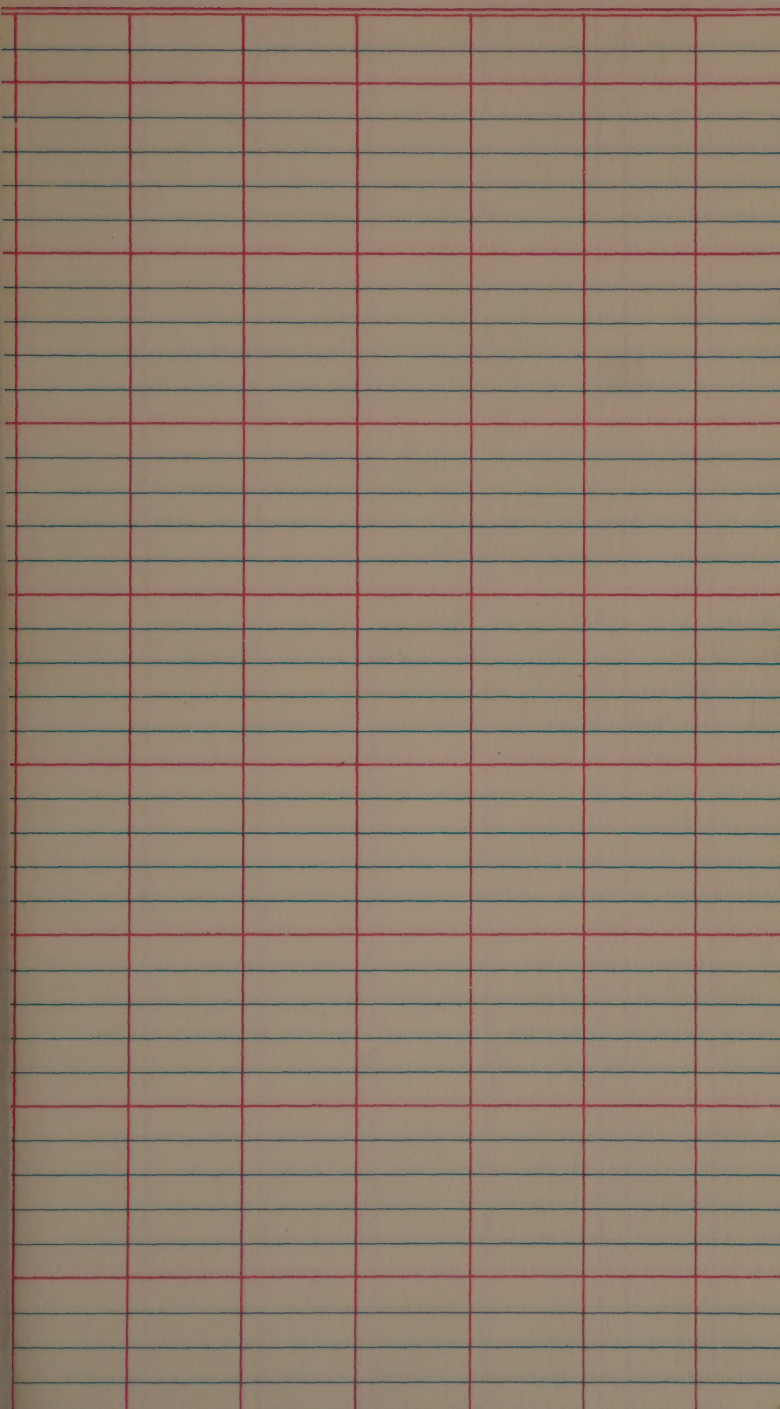
9499

-4

7/16

9500





OK

Heading
complete

B8136A = LBNT/315650//BLMT

C642A = 9881/331581//1801007

C623A = SKBT/1402003

C625A = SKBT/1802003

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

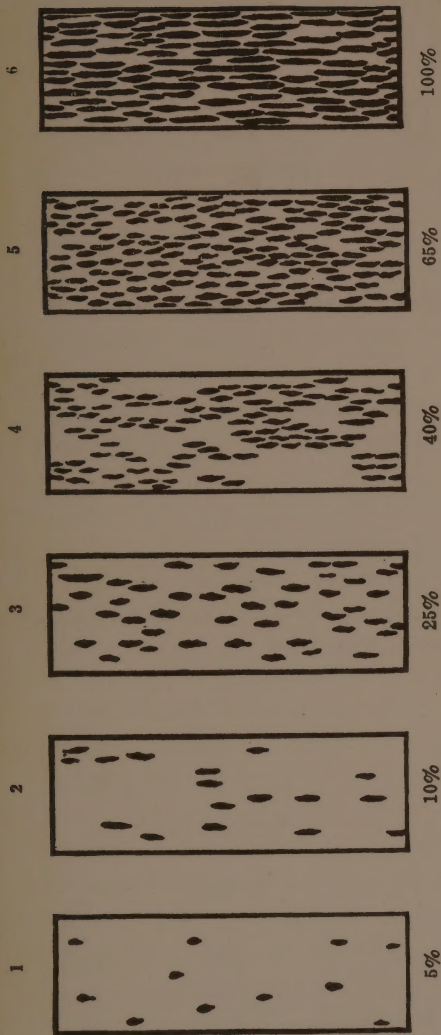
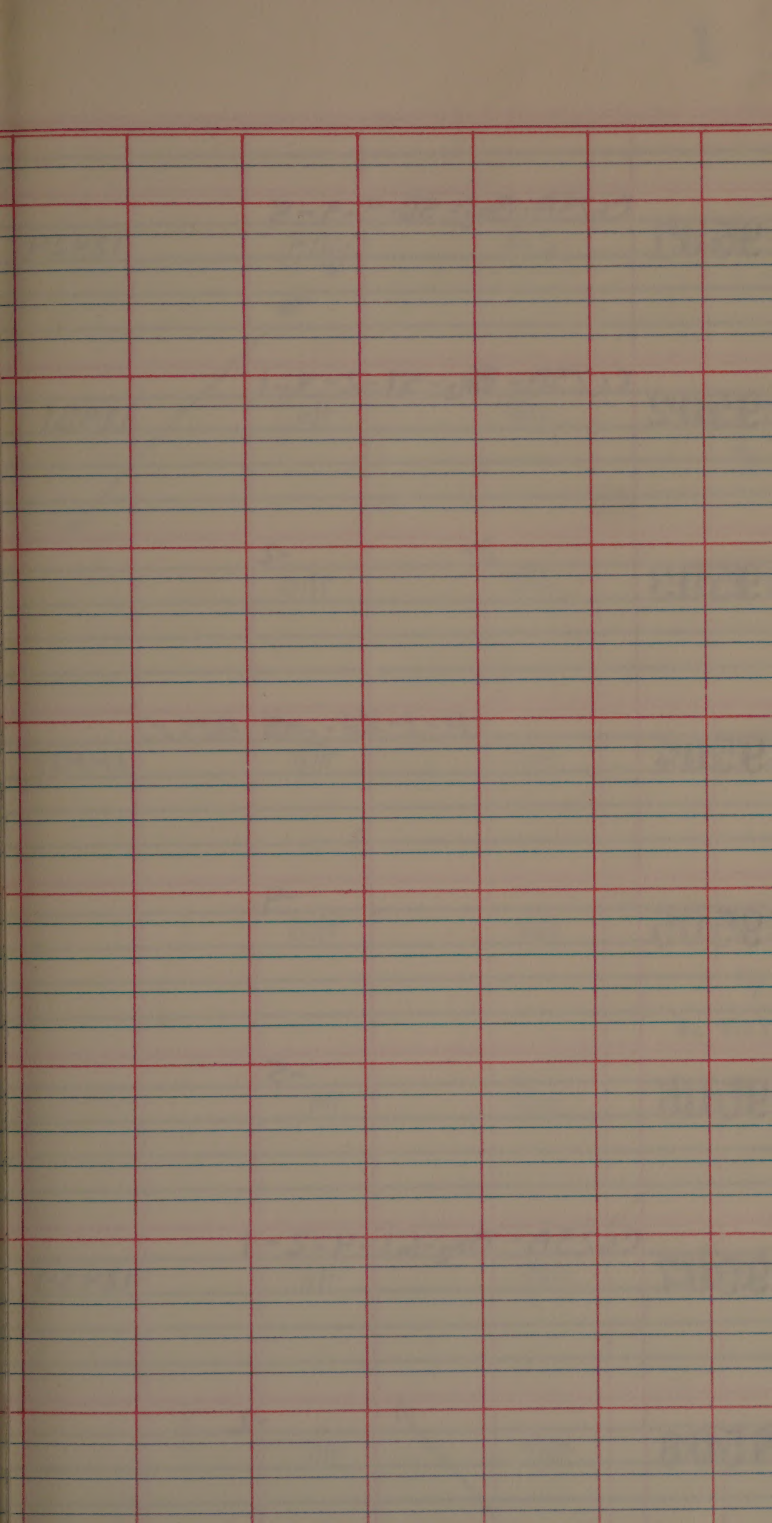


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.



9501

C623A-B_{K2}-56-5-3-5

7/14

12424

9502

C623A-B_{K2}-57-2-4-1

7/11

12431

9503

-2

7/10

9504

-3

7/10

9505

-4

7/10

9506

-5

7/9

9507

C623A-B_{K2}-61-4-2-1

7/11

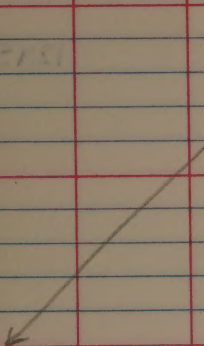
12434

9508

-2

7/11

bk 8/27



-3

7/13

9509

-4

7/11

9510

pip ✓

-5

7/14

9511

C623A-Bk₂-68-1-4-

12441

7/11

9512

7/10

9513

pip ✓

bk 8/27

7/10

9514

7/10

9515

7/10

9516

9517

C623A-Bk₂-73-1-2-

7/11

12455

85/714

9518

7/12

9519

7/12

✓
Ple

bk 8/27

9520

7/15

9521

7/15

TBNT

9522

7/15

AR Fd

bk 8/27

C623A-Bk₂-80-5-1-

9523

7/10

12459

9524

7/10

7/8

9525

P/P ✓

bx 8/27

7/14

9526

7/10

9527

C623A-B_{K2}-82-4-2-

12465

7/14

9528

7/12

9529

7/10

9530

7/13

9531

7/10

9532

P/P ✓

9533

C623A-Bk₂-87-3-3-

7/15

12471

85/535

9534

7/13

✓ P/P

bK 8/27

9535

7/13

9536

7/15

9537

7/14

9538

C623A-Bk₂-87-4-32

7/14

12477

9539

7/14

✓ P/P

bK 8/27

9540

7/14

9541

7/15

9542

7/15

9543

7/13

C623A-Bk₂-89-3-3-

12482

9544

7/13

9545

7/14

9546

7/14

9547

7/15

9548

7/19

LBNT

Fd

9549	C623A-Bk ₂ -91-3-4-	7/14	12488
------	--------------------------------	------	-------

✓ P/T

9550		7/14	
------	--	------	--

9551		7/14	
------	--	------	--

9552		7/15	
------	--	------	--

9553		7/14	
------	--	------	--

9554	C623A-Bk ₂ -93-3-3-	7/15	12492
------	--------------------------------	------	-------

9555		7/15	
------	--	------	--

✓ P/T

9556		7/15	
------	--	------	--

7/14

9557

7/12

9558

C623A-B_{K2}-96-2-4-

12496

85/536

7/13

9559

7/12

9560

7/15

9561

7/15

9562

7/13

9563

Pp ✓

C623A-B_{K2}-99-1-3-

12500

7/10

9564

9565

7/11

✓ P/p

9566

7/11

9567

7/11

9568

7/11

9569

C623A-Bx₂-102-1-4-

7/12

12506

9570

7/11

9571

7/12

9572

7/12

✓ P/p

bk 8/27 ↗

7/15

9573

35

LEAH

7/23

9574

bx 8/27

12509

CG23A-BK₂-111-2-2-

85/715

7/14

9575

bx 8/27

7/12

9576

p/p^v

7/13

9577

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12514

CG23A-BK₂-115-1-2-

85/716

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9580

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* dx

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C623A-Bk₂-115-4-3-

12520

85/717

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9586

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11/22

bk

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9588

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9589

C623A-Bk₂-116-4-1-1

12524

7/14

9590

85/612

-2

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9591

-3

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9592

bk 8/27

-4

7/12

9593

P/P ✓

-5

7/13

9594

C623A-Bk₂-118-4-2-

12530

7/11

9595

85/537

7/11

9596

9597		7/11		
✓ 7/1				
9598		7/10		
9599		7/11		
9600	C623A-Bk ₂ -120-2-5-	7/16		12538
9601		7/14		
9602		7/11		
9603		7/12		
9604		7/15		

C623A-Bk₂-126-2-1-

12539

85/817

7/15

9605

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9606

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9607

64 8/27

7/18

9608

7/17

9609

1/10 ✓

C623A-Bk₂-126-2-5-

12543

85/538

7/10

9610

7/13

9611

7/10

9612

P/P ✓

9613

7/11

9614

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9615

C623A-Bk₂-136-1-2-

85/303

7/11

12545

9616

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9619

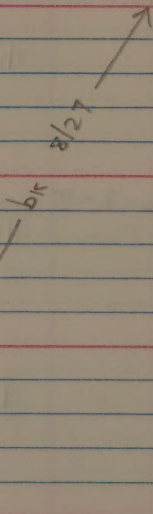
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9620

C623A-Bk₂-136-2-2-

7/10

12551



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9621

bk 8/27

7/11

9622

P/P ✓

7/10

9623

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9624

119

L-202

7/16

9625

bk 8/27

C623A-BK₂-143-1-1-

12555

7/10

9626

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9627

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9628

P/P ✓

9629	7/10		
9630	7/10		
9631	C623A-6-5-5-1- 7/11	12570	
9632	7/11		
9633	7/12		
✓ P/P			
9634	7/11		
9635	7/12		
9636	C623A-11-2-1-2- 85/719	12582	
	7/12		

7/11

9637

pip ✓

7/12

9638

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9639

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9640

C623A-11-5-1-4-

12589

85/460

7/10

9641

bk 8/27

7/10

9642

7/10

9643

7/10

9644

9645		7/10	
9646	C623A-14-4-4-1- 85/539 <i>✓ 1/1</i>	7/10	12591
9647		7/10	
9648		7/10	
9649		7/11	
9650		7/11	
9651	RU8303169 <i>Very poor stand!</i>	7/23	32
9652	C623A-18-1-3-3-	7/11	12608

7/10

9653

7/10

9654

7/11

9655

7/10

9656

✓
pip

C623A-19-5-3-2-

12612

85/540

7/12

9657

✓
pip

7/11

9658

7/14

9659

7/13

9660

9661

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9662

C623A-20-5-4-2-

85/613

7/12

12617

9663

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9664

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9665

7/12

9666

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9667

C623A-23-1-1-3-

7/11

12623

9668

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7/11

9669

Pp[✓]

7/11

9670

7/11

9671

C623A-23-1-2-5-

12631

7/11

9672

7/11

9673

Pp[✓]

b/c 8/27

7/11

9674

7/12

9675

7/11

9676

9677	RU 8403006 Very poor stand!	7/17	6
9678	C623A-29-2-1-4-	7/12	12635
9679		7/14	
9680		7/12	
9681		7/14	
9682		7/13	
9683	C623A-31-1-1-4- 85/541	7/11	12640
9684		7/11	

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9685

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9686

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9687

C623A-32-2-4-5-

12651

7/11

9688

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9689

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9690

P/P

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9691

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9692

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C623A-39-3-1-3-

7/11

12660

9694

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9697

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9698

C623A-40-1-3-5-

7/11

12667

85/542

9699

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9700

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9701

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9702

C623A-40-3-1-3-

12670

7/10

9703

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9704

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9705

p/p

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9706

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9707

C623A-46-3-5-5-

12677

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9708

9709

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C623A-48-1-3-3-

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12681

85/543

85/302,462

9714

7/7

9715

7/10

9716

7/10

7/9

9717 ✓
P/P

C623A-48-4-3-5-

12688

85/544

7/11

9718

7/11

9719

8/27

b/c

7/12

9720

7/13

9721 ✓
P/P

7/11

9722

NWBT

AR Fd

7/28

9723

b/c 9/27

C623A-49-3-3-2-

12690

85/545

7/11

9724

9725

✓
PIP

bk 8/27

7/11

9726

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9727

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9728

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9729

C623A-53-4-2-3-

✓
PIP

85/720

7/11

12696

9730

bk

8/27

7/12

9731

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9732

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7/12

9733

C623A-54-5-2-4-

12707

7/11

9734

9/8 ✓

7/15

9735

7/15

9736

7/14

9737

7/15

9738

C623A-59-1-5-2-

12710

85/546

7/10

9739

7/10

9740

9741

7/10

9742

7/10

✓
PIP

9743

7/10

9744

C623A-61-5-1-5-

7/12

12718

9745

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9746

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9747

7/14

✓
PIP
bk 8/27

9748

7/13

76	STBN	8/3	9749
12723	C623A-63-5-3-5-	7/11	9750
		7/12	9751
		7/14	9752
		7/12	9753 P/P ✓
		7/11	9754
12727	C623A-65-3-1-3-	7/11	9755
		7/11	9756 P/P ✓

9757

7/11

9758

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9759

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9760

C623A-74-5-4-4-

7/13

12733

9761

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9762

8/27

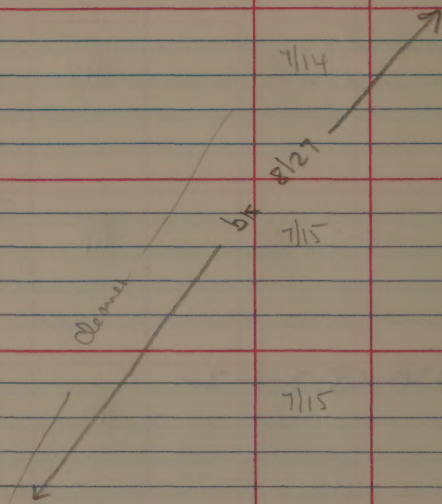
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9763

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9764

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CG23A-78-5-4-5-

12739

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9765

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9766

P/P

7/11

9767

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9768

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9769

CG23A-86-1-2-2-

12746

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9770

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9771

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9772

P/P

9773

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9774

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9775

NWRX

7/21

Fd

bK 8/27

9776

C623A-86-1-5-5-

7/12

12755

85/547

9777

7/10

✓ P1P

9778

7/11

9779

7/11

9780

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C623A-88-2-1-5-

12760

7/13

9781

7/15

9782

P/P ✓

bk 8/28

7/16

9783

7/15

9784

7/16

9785

C623A-91-1-3-1-

12761

7/13

9786

7/14

9787

7/15

9788

9789

7/12

✓
P/P

9790

7/11

9791

C623A-BK6-2-1

7/10

12768

9792

-2

7/10

9793

-3

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9794

-4

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9795

-5

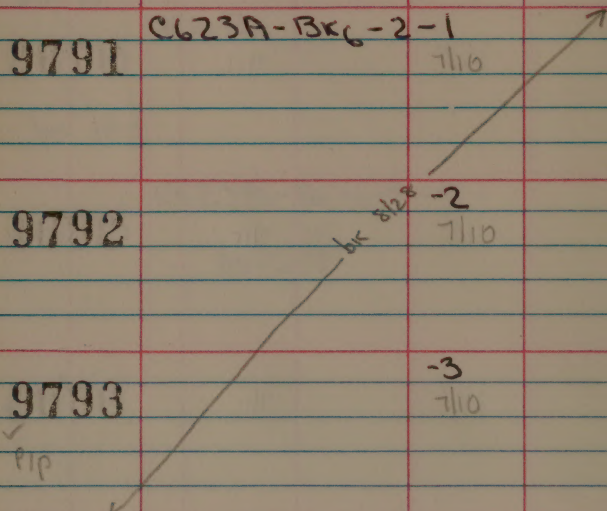
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9796

C623A-BK6-6-1

7/13

12772



Seeded: 5/2/85

19

-2

7/14

9797

-3

7/14

9798

-4

7/14

9799

-5

7/14

9800

C623A-BK6-8-

12774

7/15

9801

7/16

9802

7/17

9803

7/15

9804

P/P ✓

9805

7/14

9806

C623A-BK₆-14-

7/16

12780[↑]

9807

7/15

✓
rip

9808

Short, next;

BE 8/28

7/15

9809

7/15

9810

7/15

9811

C623A-BK₆-19-

7/14

12785

9812

7/11

7/15

9813

7/16

9814

7/14

9815

pip

C623A - B₁₁₆ - 20 -

12786

7/15

9816

7/15

9817

7/13

9818

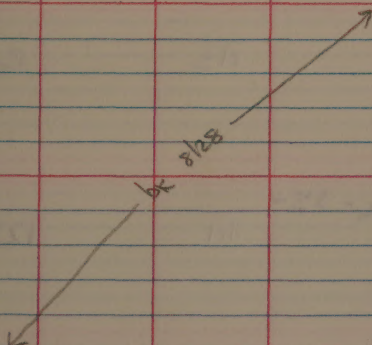
pip

7/15

9819

7/15

9820



9821

C623A-BK₆-32-

7/11

12797

9822

7/15

9823

✓ pip

7/13

9824

8/28
bx

7/12

9825

7/14

9826

CB-801

8/3

CB

9827

C623A-BK₆-35-

7/14

12800

9828

7/15

7/14

9829

P/p

7/14

9830

7/12

9831

12811

C623A-BK₆-46-

7/13

9832

7/11

9833

7/11

9834

P/p

7/13

9835

7/15

9836

9837	C623A-Bk ₆ -50- 85/721	7/19	12815
9838		7/18	
9839		7/16	
9840		7/16	
9841		7/16	
9842	C623A-Bk ₆ -53-	7/14	12818
9843		7/13	
9844		7/11	

			7/13	9845	✓ pip
			7/13	9846	
12819	C623A-BK ₆ -54-		7/15	9847	
			7/17	9848	
			7/16	9849	✓ pip bx 8/28
			7/15	9850	
			7/15	9851	
Fd	LMNT		7/31	9852	
	Very poor stud!				

9853

C623A-BK6-57-

85/549

7/12

12822

9854

7/13

✓

pip

9855

7/15

9856

7/14

9857

7/12

9858

C623A-BK6-61-

7/15

12827

9859

7/16

9860

7/15

✓

pip

7/14

9861

7/17

9862

C623A-Bk₆-63-

12829

85/122

7/12

9863

7/11

9864

7/14

9865

7/14

9866

7/12

9867

C623A-Bk₆-64-

12830

85/614

7/12

9868

9869

7/12

9870

7/14

9871

7/12

9872

7/14

✓
1/p
9873

LBIE-X2-2

7/21

3800

bk 8/28

9874

CG23A-BK6-68-

7/15

12834

9875

7/15

9876

7/11

7/16

9877

7/14

9878

P/p

C623A-BK₆-T1-

12837

85/723

7/12

9879

P/p

7/16

9880

7/14

9881

7/14

9882

7/12

9883

C623A-BK₆-T5-

12841

7/12

9884

9885

7/14

9886

7/14

9887

7/14

9888

7/14

9889

C623A-BK6-79-

7/12

12845

9890

7/16

9891

7/16

9892

7/11

✓
pip
bk 8/28

7/11

9893

C623A-BK₆-82-

12848

7/16

9894

p/p
bk 8/28

7/16

9895

7/17

9896

7/17

9897

7/19

9898

C623A-BK₆-87-

12854

85/818

7/16

9899

7/19

9900

9901

7/16

9902

7/18

9903

7/17

9904

C623A-BK6-83-

7/12

12849

9905

7/12

9906

7/12

✓
818

9907

7/14

9908

7/10

C623A-BK₆-84-

12851

7/11

9909

7/15

9910

7/11

9911

7/14

9912

7/12

9913

C623A-BK₆-95-

12862

7/11

9914

11p

bk 8/28

7/10

9915

7/13

9916

9917		7/12		123
9918		7/11		
9919	C623A-BK6-99-	7/11		12866
9920		7/10		
9921		7/12		
9922		7/14		
9923		7/13		
9924	L-201	7/14		10952

C623A-BK6-99-

7/11

12866

bk 8/28

7/10

7/12

7/14

7/13

L-201

7/14

10952

bk 8/28

C623A-BK₆-103-

12870

85/725

7/15

9925

7/12

9926

7/12

9927

P/P ✓

7/12

9928

7/14

9929

C623A-BK₆-105-

12872

7/11

9930

P/P ✓

7/11

9931

7/11

9932

9933

7/11

9934

7/11

9935

C623A-Bk₆-114-

7/13

12882

9936

7/11

9937

7/14

9938

7/11

9939

7/15

9940

C623A-Bk₆-116-

7/12

12884

7/12

9941

7/13

9942

7/12

9943

P/p ✓

7/14

9944

C623A-Bk₆-122-

12890

7/14

9945

7/11

9946

7/15

9947

7/14

9948

9949		7/15	
9950	RU8003005 Very poor stand!	7/17	HR
9951	C623A-BK ₆ -125-	7/13	12893
9952		7/14	
9953	✓ P/p	7/11	
9954		7/12	
9955		7/15	
9956	C623A-BK ₆ -129- 85/615	7/12	12897

7/13

9957

✓
Pip

7/11

9958

7/11

9959

7/12

9960

C623A-BK₆-132-

12900

85/819

7/16

9961

7/15

9962

✓
Pip

7/15

9963

7/15

9964

9965

7/16

9966

C623A-BK₆-142-

7/16

12910

9967

bx 8/28

7/15

9968

7/16

9969

7/16

9970

7/15

9971

C623A-BK₆-145-

7/11

12913

9972

bx 8/28

7/11

7/11

9973

7/11

9974

7/11

9975

TBNT

AR Fd

7/11

9976

bk 8/28

C623A-BK₆-148-

12916

7/11

9977

7/11

9978

7/11

9979

7/12

9980

9981

7/11

9982

CG23A-BK₆-151-1

7/12

12919

85/616

P/p

bk 8/28

9983

-2

7/14

9984

-3

7/14

9985

7/10

9986

7/14

9987

CG23A-BK₆-154-

7/14

12922

9988

7/16

7/116

9989

7/117

9990

7/116

9991

C623A-BK₆-158-

12927

7/116

9992

7/116

9993

7/116

9994

7/117

9995

7/115

9996

9997	C623A-BK ₆ -164-	7/17	12933
9998		7/20	
9999		7/16	
10000		7/22	
10001		7/19	
10002	C623A-BK ₆ -166-	7/14	12935
10003		7/11	
10004		7/11	

7/12

10005

7/11

10006

P/P

CG23A-BK₆-168-

12937

7/12

10007

7/12

10008

P/P

7/11

10009

7/11

10010

7/11

10011

CG23A-BK₆-173-

12942

7/11

10012

88
10013

7/11

10014

7/12

✓
PIP

br 8/28

10015

7/11

10016

7/11

10017

C623A-BK₆-179-

7/15

12948

10018

7/14

10019

7/14

✓
PIP

10020

7/14

7/13

10021

SKBT

Fd

7/15

10022

bk 8/28

CG23A-BK-184-

12954

7/11

10023

✓
p/p

7/11

10024

very early; short
bk 8/28

7/11

10025

7/12

10026

7/11

10027

CG23A-BK-187-

12957

7/14

10028

10029

7/15

10030

7/14

10031

7/13

10032

7/11

10033

C623A-BK₆-190-

7/10

12960

10034

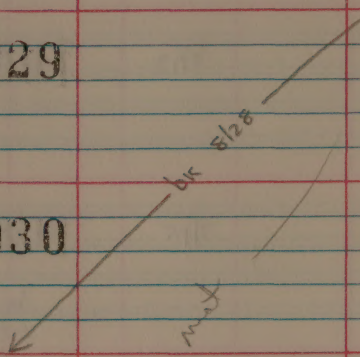
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10035

7/10

10036

7/11



7/14

10037

C623A-BK₆-193-

12963

7/13

10038

7/14

10039

7/14

10040

✓
P/P

7/15

10041

7/14

10042

C623A-BK₆-196-

12966

7/13

10043

7/11

10044

10045

7/10

10046

7/13

10047

7/14

10048

R08303169

7/24

32

Very poor stand!

10049

C623A-BK₆-200-

7/21

12970

10050

7/19

10051

7/19

10052

7/19

7/16

10053

C623A-BK₆-202-1

12972

85/899

7/16

10054

-2

7/15

10055

P/P

b/c 8/28

-3

7/16

10056

-4

7/15

10057

-5

7/15

10058

C623A-BK₆-207-

12978

7/16

10059

8/28

b/c

7/15

10060

P/P

10061

7/15

10062

7/15

10063

7/15

10064

C623A-Bx6-211-

7/11

12982

10065

7/14

10066

7/12

10067

7/15

10068

7/12

✓ 819

C623A-Bk₆-212-

12983

7/14

10069

7/12

10070

7/14

10071

7/15

10072

7/15

10073

RU8403113

16546

7/13

10074

bk 8/28

C623A-Bk₆-216-

12987

7/12

10075

7/11

10076

10077

7/11

10078

7/16

10079

7/10

✓
rip

10080

C623A-Bx₆-219-

7/15

12990

85/820

10081

7/15

✓
rip

10082

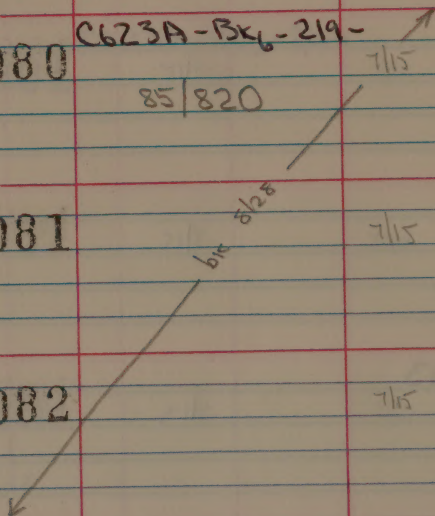
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10083

7/15

10084

7/14



C623A-BK₆-222-

12993

7/11

10085

7/11

10086

7/11

10087

7/11

10088

✓
p/p

7/11

10089

C623A-BK₆-238-

13009

7/15

10090

7/15

10091

✓
p/p

7/19

10092

10093

7/15

10094

7/15

10095

C623A-Bk₆-239-

7/12

13010

85/550

10096

7/15

10097

7/12

10098

7/12

10099

7/12

10100

C623A-Bk₆-241-

7/12

13012

Very stunted plants

7/16

10101

7/16

10102

7/17

10103

7/12

10104

C623A-BK₆-244-

13015

7/14

10105

7/11

10106

P/p

bk 8/28

7/11

10107

7/12

10108

10109

7/12

10110

C623A-BK₆-246-

7/11

13017

✓
P/P

bk 8/28

10111

7/11

10112

7/10

10113

7/10

10114

7/10

10115

C623A-BK₆-248-

7/11

13019

10116

7/11

7/10

10117

✓

rip

bx 8128

7/13

10118

7/12

10119

C623A-BK6-254-

13026

7/11

10120

7/12

10121

✓

rip

7/12

10122

7/11

10123

7/12

10124

10125	RU 8303046 port stand!	7/19	46
bk 8/28			
10126	C623A-BK ₆ -256-	7/16	13028
10127		7/15	
10128		7/16	
✓ pip			
10129		7/15	
10130		7/14	
10131	C623A-BK ₆ -261-	7/12	13033
10132		7/12	

7/12

10133

7/12

10134

7/13

10135

13035

C623A-Bx6-263-

7/16

10136

7/15

10137

7/15

10138

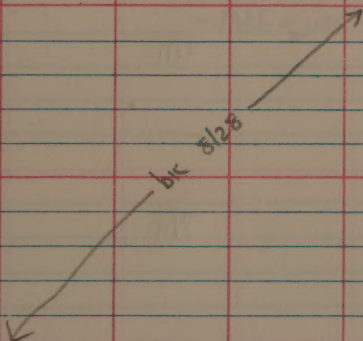
7/15

10139

pip ✓

7/15

10140



10141	C623A-BK ₆ -264-	7/13	13036
-------	-----------------------------	------	-------

10142		7/12	
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10143	thresh good	7/13	
-------	-------------	------	--

10144		7/13	
✓ 1/p br 8/28			

10145		7/13	
-------	--	------	--

10146	C623A-BK ₆ -269-	7/11	13041
-------	-----------------------------	------	-------

10147		7/11	
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10148		7/11	
-------	--	------	--

13043

7/11

10149

AR Fd

BOND

7/16

10151

hsc 8/28

13043

CG23A-BK₆-271-

7/12

10152

7/12

10153

7/12

10154

7/13

10155

7/13

10156

C623A-BK₆-272-

10157

85/726

7/16

13044

10158

7/17

10159

7/16

10160

7/15

✓
pip

10161

7/16

10162

C623A-BK₆-282-1

85/727

7/15

13055

10163

-2

7/16

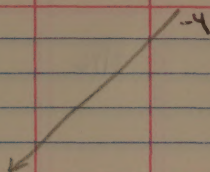
fresh good
b/c 8/28

10164

-3

7/17

✓ pip



7/16

10165

-5

7/16

10166

C623A-Bk₆-285-1

13058

85/728

7/16

10167

-2

7/13

10168

thresh good

8/253

7/15

10169

bk

-4

7/16

10170

pip ✓

-5

7/14

10171

C623A-Bk₆-291-

13064

thresh ok

7/13

10172

pip ✓

10173

7/16

10174

7/15

10175

7/14

10176

7/15

10177

LBLE

7/15

Fd

bx 828

10178

C623A-Bk₆-295-

7/13

13068

10179

7/13

10180

7/13

7/13

10181

7/14

10182

13070

C623A-Bk₆-297-

7/12

10183

7/12

10184

p/p

bk #128

7/12

10185

7/12

10186

7/11

10187

13071

C623A-Bk₆-298-

7/16

10188

10189

7/13

10190

7/15

✓
P/P

10191

7/16

10192

7/16

10193

C623A-Bx₆-303-

7/17

13077

10194

7/16

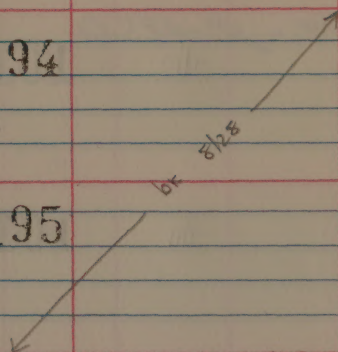
✓
P/P

10195

7/14

10196

7/15



7/16

10197

C623A-BK₆-309-

13083

7/19

10198

7/19

10199

7/16

10200

7/24

10201

7/19

10202

C623A-BK₆-316-

13090

7/12

10203

7/12

10204

10205

7/12

10206

7/12

10207

7/12

10208

C623A-BK6-317-

7/20

13091

10209

7/12

10210

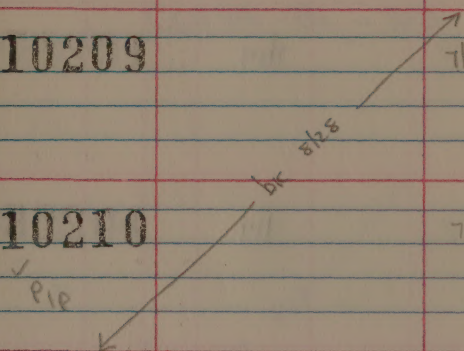
7/13

10211

7/16

10212

7/17



CG23A-BK₆-322-

13096

7/11

10213

7/11

10214

7/11

10215

Short: empty

7/11

10216

7/11

10217

P/P

bk 8128

CG23A-BK₆-326-1

13100

7/11

10218

85/821

-2

7/12

10219

-3

7/13

10220

10221

✓
p/p

bx 8128

through good

-4

7/12

10222

-5

7/14

10223

PI 408449

Wrong Identity

7/12

4960

10224

C670A-BK6-

7/15

19701-49

10225

✓
p/p

bx 8128

7/15

10226

7/12

10227

7/12

10228

7/12

CG70A-BK6-

19701-49

7/15

10229

7/14

10230

7/15

10231

✓
P/P

bk 8/28

7/12

10232

7/18

10233

7/14

10234

✓
P/P

7/17

10235

✓
P/P

bk 8/28

7/15

10236

10237	C670A-BK6-	7/16	19701-49
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✓ P/p
bk 8/28

10238		7/14	
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10239		7/17	
-------	--	------	--

10240		7/13	
-------	--	------	--

10241		7/11	
-------	--	------	--

✓ P/p

10242		7/11	
-------	--	------	--

10243		7/10	
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10244		7/13	
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C670A-BK6-

19701-49

7/12

10245

7/15

10246

7/12

10247

7/19

10248

bk 8128

7/12

10249

ELBL

5775

7/14

10250

7/12

10251

7/16

10252

10253	C670A-BK ₆ -	7/16	19701-49
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10254		7/16	
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✓ pip

10255		7/16	
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10256		7/12	
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10257		7/15	
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10258		7/16	
-------	--	------	--

✓ pip
b/c 8/28

10259		7/15	
-------	--	------	--

10260		7/14	
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C670A-Bk6-

19701-49

7/12

10261

7/15

10262

P/P

bk 8/28

7/13

10263

7/15

10264

7/16

10265

P/P

7/18

10266

7/14

10267

7/12

10268

10269	C670A-Bk ₆ -	7/13	19701-49
10270		7/15	
✓ P/P bk 8/28			
10271		7/17	
10272		7/15	
10273		7/18	
✓ P/P bk 8/28			
10274		7/16	
10275	L-202	7/19	119
bk 8/28	poor stand		
10276		7/13	

C670A-BK6-

19701-49

7/15

10277

P/P ✓

bx 8/28

7/15

10278

7/16

10279

7/20

10280

7/15

10281

7/14

10282

P/P ✓

7/16

10283

7/16

10284

P/P

10285	C67DA-BK ₆ -	7/12	19701-49
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10286		7/16	
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10287		7/13	
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10288		7/16	
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10289		7/12	
-------	--	------	--

10290		7/12	
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10291		7/14	
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10292		7/14	
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✓ P1p

19701-49	C67DA-BK6-	7/16	10293
		7/15	10294
		7/14	10295
		7/15	10296
		7/18	10297
		7/14	10298
		7/12	10299
		7/18	10300

10301	C670A-BK6-	7/15	19701-49
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10302		7/15	
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10303		7/20	
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10304		7/16	
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10305		7/15	
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10306		7/15	
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10307		7/16	
-------	--	------	--

10308		7/13	
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C670A-Bx6-

19701-49

7/16

10309

7/16

10310

7/15

10311

7/11

10312

7/12

10313

7/12

10314

7/12

10315

7/16

10316

10317	C670A-BK ₆ -	7/11	19701-49
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10318		7/14	
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✓
P/p
bk 8/28

10319		7/12	
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✓
P/p
bk 8/28

10320		7/13	
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10321		7/11	
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10322		7/14	
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10323		7/15	
-------	--	------	--

10324		7/15	
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LBLE-X2-2

3800

7/18

10325

bx 8/28

C670A-Bx6-

19701-49

7/12

10326

7/12

10327

pip ✓

bx 8/28

7/15

10328

pip ✓

bx 8/28

7/12

10329

7/15

10330

7/13

10331

7/12

10332

10333	C670A-Bx6-	7/12	19701-49
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10334		7/11	
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10335		7/12	
-------	--	------	--

10336		7/13	
-------	--	------	--

10337		7/14	
-------	--	------	--

✓ pip ↗

bx 8/28

10338		7/15	
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✓ pip

10339		7/13	
-------	--	------	--

10340		7/14	
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✓ pip

bx 8/28

C670A-Bk₆-

19701-49

7/14

10341

110

bk 8/28

7/12

10342

7/11

10343

7/12

10344

7/12

10345

7/15

10346

7/13

10347

7/11

10348

10349	C670A-B ₆ -	7/12	19701-49
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10350	RU8303116	7/17	116
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bk 8/28

10351		7/15	19701-49
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10352		7/14	
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10353		7/13	
-------	--	------	--

✓
Pip
bk 8/28

10354		7/12	
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10355		7/12	
-------	--	------	--

10356		7/11	
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19701-49	C67DA-BK ₆ -	7/13	10357
		7/16	10358 ✓ P/P
		7/12	10359 ✓ P/P
		7/19	10360
		7/12	10361
		7/16	10362 ★ P/P bx 8/28
		7/10	10363
		7/10	10364

10365

C67DA-BK₆-

7/12

19701-49

✓
P/p

bk 8/28

10366

7/13

10367

7/17

10368

7/12

✓
P/p

10369

7/14

10370

7/12

10371

7/12

10372

7/11

19701-49	C670A-BK6-	7/11	10373
		7/12	10374
Fd	LBLE	7/15	10375
			bx 8/28
19701-49		7/17	10376
			✓ P/p bx 8/28
		7/15	10377
			✓ P/p
		7/13	10378
		7/18	10379
		7/12	10380
			✓ P/p bx 8/28

C670A-BK6-

10381

7/11

19701-49

10382

7/13

10383

7/13

10384

7/12

10385

7/11

10386

7/11

10387

7/11

10388

7/11

C6TDA-BK6-

19701-49

7/12

10389

7/12

10390

7/11

10391

7/12

10392

p/c ✓

7/11

10393

7/13

10394

7/12

10395

7/11

10396

Seeded : 5/2/85

10397	C670A-BK ₆ -	7/13	19701-49
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10398		7/15	
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10399		7/13	
-------	--	------	--

10400	SSD/SSS	8/3	4973
-------	---------	-----	------

br 8/28

10401	C634A-BK-11-5-	7/31	13105
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LBLE/7802003

10402		7/31	
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10403		7/31	
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10404		7/31	
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later; poor operation

7/31

10405

C634A-Bk-2-5-4-1

13109

7/20

10406

7/21

10407

7/21

10408

7/21

10409

-5

7/20

10410

P/P ✓

b/c 8/29

C634A-Bk-8-2-3-1

13113

7/22

10411

85/822

P/P ✓

b/c 8/29

-2

7/22

10412

10413

7/22

10414

7/22

10415

7/22

10416

C634A-BK-17-3-1-

7/22

13116

84/429

10417

7/21

10418

7/21

10419

7/21

10420

7/22

✓ PIP

b1c 8/29

13124	C634A-BK-19-5-4- 85/617	7/23	10421
		7/23	10422
		7/22	10423
		7/21	10424 p/p bk 8/29
		7/21	10425
32	RU8303169	7/29	10426
13129	C634A-BK-26-3-3-1 85/618	7/28	10427
	-2	7/28	10428

10429

7/28

-3

✓ 9/10

bk 8/29

10430

7/28

-4

10431

7/28

-5

10432

C634A-Bk-28-5-4-

7/22

13135

85/823

10433

7/23

✓ 9/10

10434

7/20

long 40 brains

10435

7/21

10436

7/31

C634A-BK-32-2-4-

13140

7/27

10437

7/27

10438

7/27

10439

7/27

10440

7/26

10441

C634A-BK-33-2-2-

13143

7/21

10442

85/825

7/20

10443

7/21

10444

from after merged (X. 21. 7.)

10445

7/20

10446

7/20

10447

C634A-Bk-35-1-1-

7/20

13147

10448

7/29

10449

7/21

10450

7/20

10451

7/21

10452

RU7802003

7/26

3720

bk 5/28

C634A-Bx-35-3-5-

13157

85/619

7/19

10453

7/19

10454

7/19

10455

7/19

10456

7/19

10457

C634A-Bx-37-4-1-

13158

7/15

10458

7/15

10459

7/15

10460

Large HO Section; Post function;

10461

7/16

10462

7/16

10463

C634A-BK-38-5-3-

7/14

13165

10464

7/16

10465

7/16

10466

7/14

10467

7/15

10468

C634A-BK-39-1-2-1

7/15

13169

85/552

-2

7/16

10469

-3

7/13

10470

P/10 ✓

bk 8/29

-4

7/16

10471

-5

7/16

10472

Fd

LBLE

7/19

10473

bk 8/28

C634A-Bx-39-1-5-

13172

7/14

10474

7/14

10475

7/12

10476

buddy misfed

10477

7/15

10478

7/15

10479

C634A-Bk-42-4-4-

7/27

13177

10480

7/23

10481

7/23

10482

7/21

10483

7/23

10484

C634A-Bk-46-1-4-

7/23

13182

7/22

10485

7/22

10486

7/22

10487

7/22

10488

13188

C634A-BK-46-3-5-

7/20

10489

7/20

10490

7/21

10491

b/c 8/29

7/20

10492

*severe def amacrom; poor effect**better**overall*

10493

7/21

10494

C634A-Bk-51-1-1-

7/23

13189

10495

7/22

10496

poor structure

7/22

10497

7/23

bk 8/29

good row

10498

7/23

10499

C634A-Bk-51-3-3-

7/21

13196

85/729

10500

7/26

7/22

10501

7/21

10502

7/22

10503

C634A-BK-58-2-4-1

13207

85/826

7/24

10504

-2

7/23

10505

-3

7/27

10506

better plot

-4

7/22

10507

P/P ✓

bk 8/30

-5

7/16

10508

	C634A-Bk-59-4-2-			
10509		7/20		13210
10510		7/20		
10511		7/16		
✓ Pip				
10512		7/17		
10513		7/17		
10514	PI 408449	8/4		4960
bk 8/28				
10515	C614A-1-2-3-5-	7/18		13219
	9881 331581 1802003			
10516		7/19		

10517

7/19

10518

7/18

P/P

bk 8/30

10519

7/19

C614A-8-1-2-2-

13221

85/553

7/17

10520

P/P

10521

7/16

10522

7/19

10523

7/16

10524

7/17

good plant but grain & poor ??

-4

bk 8/30

10525	C614A-16-1-2-5-	7/19	13229
-------	-----------------	------	-------

10526		7/19	
-------	--	------	--

10527	thresh o/c	7/20	
-------	------------	------	--

br 8/30

10528		7/20	
-------	--	------	--

10529		7/19	
-------	--	------	--

10530	C614A-18-3-5-4-	7/15	13233
-------	-----------------	------	-------

10531		7/14	
-------	--	------	--

10532	thresh too dry?	7/14	
-------	-----------------	------	--

7/14

10533

7/14

10534

C614A-18-3-5-5-

13234

85/554

7/14

10535

7/15

10536

7/15

10537

7/15

10538

7/15

10539

C614A-22-1-2-2-

13236

85/730

7/16

10540

10541

7/17

10542

7/17

✓ P/P
bk 8/30

10543

7/19

10544

7/17

10545

C614A-46-3-4-2-

7/17

13241

10546

7/15

10547

7/15

10548

7/17

7/15

10549

RU 7703008

3627

7/31

10550

Contains early rogers!

bks 8/30

C614A-49-2-3-4-

13248

7/18

10551

7/18

10552

7/19

10553

7/19

10554

7/19

10555

C614A-49-4-5-4-

13254

7/18

10556

10557

7/18

10558

7/19

10559

7/20

10560

7/22

10561

C614A-59-4-2-3-

7/22

13258

85/556

10562

7/21

10563

7/20

10564

7/20

7/20

10565

C614A-64-4-4-1-

13261

7/16

10566

85/557

7/16

10567

7/17

10568

P/18 ✓

7/16

10569

7/17

10570

C614A-BK-15-4-3-

13268

7/21

10571

7/20

10572

P/18 ✓

BK 8/30

10573

7/18

10574

7/17

10575

7/19

10576

LMNT

7/28

Fd

bx 8/28

10577

CG14A-BK-16-2-2-

7/17

13272

85/558

10578

7/17

10579

7/17

✓
ep

10580

7/16

7/16

10581

C614A-BK-18-3-4-

13280

85/560

7/20

10582

7/20

10583

7/20

10584

bk 8/30

7/20

10585

7/19

10586

C614A-BK-21-4-5-

13286

85/561

7/19

10587

7/19

10588

10589

7/18

✓ pip

10590

7/17

10591

7/20

10592

C614A-BK-25-3-5-1

7/19

13291

85/562

10593

7/17

-2

✓ pip

bk 8/30

10594

7/19

-3

10595

7/18

-4

10596

7/17

-5

C614A-Bk-35-2-5-

13296

7/22

10597

85/620

7/26

10598

7/26

10599

7/28

10600

7/24

10601

C614A-Bk-35-3-4-

13300

7/20

10602

7/19

10603

7/17

10604

10605

7/20

10606

7/19

10607

C614A-Bx-44-1-4-

7/16

13305

10608

7/15

✓
P/P

10609

7/16

10610

7/15

10611

7/16

10612

C614A-Bx-45-3-4-

7/20

13310

7/20

10613

7/20

10614

7/20

10615

p/p ✓

7/20

10616

C614A-BK-47-1-2-

13313

7/20

10617

7/20

10618

7/19

10619

p/p ✓

br 8/30

7/21

10620

Good plant
but grain too small?

Excellent plant

10621

7/23

10622

C614A-BK-50-2-4-

7/20

13320

10623

7/20

10624

7/19

10625

7/21

10626

7/21

10627

SKBT

7/24

Fd

br 8/28

10628

C614A-BK-55-5-2-

7/17

13323

7/16

10629

7/17

10630

7/16

10631

7/17

10632

C614A-Bx-66-5-5-

13332

7/17

10633

7/17

10634

7/16

10635

7/17

10636

10637

7/16

10638

C614A-BK-67-1-4-

7/16

13336

85/564

10639

7/16

10640

✓
PIP

bullet + slug

BK 8/30

7/17

10641

7/17

10642

7/19

10643

C614A-BK-72-4-3-

7/15

13340

10644

7/17

7/17

10645

7/19

10646

7/25

10647

BOND

AR Fd

7/23

10648

bk 8/28

C614A-BK-75-5-2-

13344

7/25

10649

7/19

10650

7/19

10651

7/18

10652

10653

7/17

10654

C614A-BK-79-1-3-

7/20

13350

10655

7/21

10656

7/20

10657

7/21

10658

7/21

10659

C614A-BK-94-3-5-

7/23

13358

10660

7/23

✓ p/p
bk 8/30

7/25

10661

7/25

10662

7/25

10663

C614A-BK-99-1-2-

13360

7/17

10664

7/17

10665

7/18

10666

✓
P/P

7/18

10667

7/18

10668

	C614A-BK-105-4-5-		
10669		7/28	13368
10670		7/28	
10671		7/26	
10672		7/27	
✓ PIP b/c 8/28			
10673		7/26	
10674	TBNT	7/23	FR FD
b/c 8/30			
10675	C614A-BK-107-5-3-	7/23	13371
10676		7/25	

7/25

10677

7/21

10678

7/23

10679

CG14A-BK-115-4-3-

13376

7/19

10680

7/20

10681

7/20

10682

P[✓]₁₈

bix 8/30

7/20

10683

7/21

10684

10685	CG14A-BK-120-2-1- 85/621	7/23	13379
10686		7/22	
10687	rip right	7/21	
10688		7/24	
10689		7/22	
10690	CG14A-BK-125-2-2- 85/565	7/16	13385
10691		7/16	
10692		7/16	

7/15

10693

7/15

10694

C614A-BK-125-2-3-

13386

7/16

10695

7/14

10696

7/16

10697

7/14

10698

7/15

10699

P/P ✓

PI 408449

4960

10700

C609A-BK-4-2-1-2-1

10701

7/31

9207

9881/331581 // 7801067

10702

7-2
7/27

10703

9/4
-3
7/27

10704

-4
7/25

10705

-5
7/26

10706

C609A-BK-5-4-1-1

7/30

9211

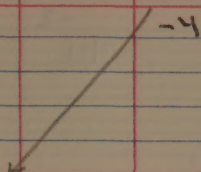
85/1029

10707

-2
7/30

10708

9/4
-3
7/30



7/30

10709

7/30

10710

C609A-BK-8-2-2-4-1

9219

7/26

10711

85/1030

-2

7/28

10712

-3

7/28

10713

-4

7/26

10714

-5

7/26

10715

✓

C609A-BK-13-1-2-2-1

9222

7/21

10716

10717

-2

7/21

10718

-3

7/22

10719

-4

7/20

10720

-5

7/20

10721

C609A-BK-14-4-3-5-1

8/1

9231

10722

-2

8/2

10723

-3

8/2

10724

-4

8/2

from factor;
too small?

✓
pp

-5

8/2

10725

RU 8403113

16546

7/18

10726

bk 8/30

C609A-BK-15-3-3-3-1

9234

7/31

10727

-2

7/29

10728

-3

7/30

10729

-4

7/30

10730

-5

7/29

10731

C609A-BK-19-2-1-3-1

9249

8/3

10732

10733

8/1 -2

10734

✓
p

bx 9/1

7/31 -3

10735

8/1 -4

10736

8/1 -5

10737

C609A-BK-22-3-5-4-1

7/29

9261

10738

7/30 -2

10739

5/8

7/30 -3

10740

✓
p

7/29 -4

-5

7/30

10741

C609A-BK-24-5-2-5-1

9267

7/30

10742

-2

7/29

10743

bk 9/4

-3

7/29

10744

-4

7/29

10745

-5

7/29

10746

C609A-BK-28-3-4-4-1

9277

7/31

10747

-2

7/31

10748

bk 9/4

10749

-3

8/1

10750

-4

7/31

10751

-5

7/30

10752

RUT801067

7/28

4970

bk 8/30

10753

C609A-BK-32-2-2-4-1

7/28

9287

10754

-2

7/27

10755

-3

9/4

7/30

10756

-4

7/31

thick bk, good plant

Excellent plant
grain too small?

bk

✓
pip

✓
pip

-5

7/31

10757

C609A-BK-33-1-3-3-1

9291

7/25

10758

-2

7/25

10759

P/r
b/c 9/4

-3

7/25

10760

-4

7/27

10761

-5

7/28

10762

C609A-BK-38-5-2-5-1

9298

7/25

10763

-2

7/25

10764

10765

✓ $\frac{1}{2}$ Pip

10766

10767

10768

10769

✓ Pip
bx 9/4

10770

10771

10772

C609A-BK-42-3-2-4-1

85/1031

7/25

7/25

7/25

7/27

7/26

7/26

7/26

7/27

-3

-4

-5

-1

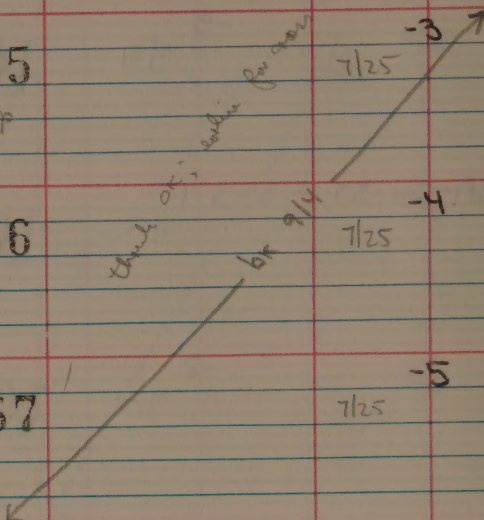
-2

-3

-4

-5

think of: ending for now
bx 9/4



Fd

BLMT

7/31

10773

bk 8/30

9307

C609A-BK-43-5-1-4-1

7/27

10774

-2

7/28

10775

-3

7/26

10776

-4

7/26

10777

✓

bk 9/4

-5

7/24

10778

9311

C609A-BK-49-1-2-3-1

7/28

10779

-2

7/28

10780

10781

7/27

-3

✓ Pip

bc 9/4

10782

7/29

-4

10783

7/29

-5

10784

C609A-BK-54-4-4-3-1

7/31

9321

10785

7/31

-2

10786

7/31

-3

10787

7/31

-4

10788

7/31

-5

C609A-BK-57-1-2-3-1

9332

85/805

7/23

10789

-2

7/22

10790

-3

7/21

10791

p/p
b/c 9/14

-4

7/21

10792

-5

7/22

10793

C609A-BK-58-1-1-5-1

9339

85/806

7/21

10794

-2

7/30

10795

-3

7/23

10796

b/c 9/4

p/p

10797

7/23

-4

10798

7/25

-5

10799

C609A-BK-64-4-2-1-1

7/27

9340

± 85/807

10800

7/27

-2

10801

7/27

-3

10802

7/28

-4

10803

7/28

-5

✓
p/p

BK 9/4

10804

C609A-BK-71-3-3-4-1

7/30

9348

-2

7/30

10805

-3

7/29

10806

-4

7/29

10807

-5

7/29

10808

C609A-BK-81-2-5-5-1

9360

7/31

10809

-2

7/31

10810

-3

7/31

10811

-4

8/1

10812

short surf, good
 back good

bk 9/4

bk 9/4

10813

8/1 -5

10814

C609A-BK-86-4-4-4-1

7/31

9369

10815

7/31

-2

10816

7/31

-3

10817

8/1

-4

10818

8/1

-5

10819

C609A-BK-87-2-3-3-1

7/31

9373

10820

8/1

-2

		-3 8/1	10821
	Hand Good;	-4 7/31	10822
	bk 9/4	-5 7/31	10823
AR Fd	NW BT	7/31	10824
9382	C609A-BK-92-4-5-1-1	7/28	10825
		-2 7/28	10826
		-3 7/28	10827
		-4 7/28	10828

10829

7/27 -5

10830

C609A-BK-94-4-2-3-1

8/1

9394

10831

✓ 9/p

good plant; similar to BK 9/14

8/1

-2

10832

8/2

-3

10833

8/3

-4

10834

8/1

-5

10835

C609A-3-4-3-4-1

7/27

9410

85/892

10836

-2
7/28

-3

7/27

10837

long upright flaps;

-4

7/27

10838

Pp ✓

br 914

-5

7/28

10839

C609A-5-2-2-1-1

9412

7/30

10840

85/1032

-2

7/29

10841

-3

7/29

10842

fold

-4

7/29

10843

-5

7/30

10844

Pp

br 914

10845

C609A-16-4-2-4-1

85/893

7/30

9441

10846

-2

7/30

10847

-3

7/29

10848

-4

7/28

10849

-5

7/30

10850

RV8303169

8/3

32

10851

C609A-17-4-5-3-1

85/1033

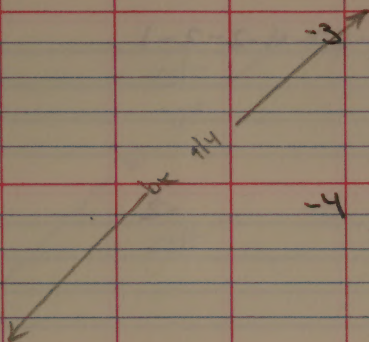
7/31

9445

10852

-2

7/31



7/30

10853

✓

-4

7/30

10854

-5

7/30

10855

C609A-22-1-1-3-1

9451

7/31

10856

85/1034

-2

7/31

10857

✓

-3

7/30

10858

-4

7/28

10859

-5

7/30

10860

10861

C609A-22-4-2-2-1

7/23

9460

10862

-2

7/23

10863

204

-3

7/23

10864

-4

7/25

10865

-5

7/26

✓ Pp

10866

C609A-27-3-1-2-1

7/27

9476

85/894

10867

-2

7/28

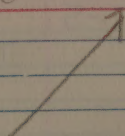
27.
from

10868

-3

7/25

✓ 23 Pp



10869

7/25

-4

bk 9/14

10870

7/23

-5

C609A-27-3-3-3-1

9482

85/895

7/26

10871

10872

7/25

-2

10873

7/26

-3

7/4

bk

☆

light

p/p

10874

7/25

-4

10875

7/25

-5

RU8303116

116

7/22

10876

bk 8/30

10877	C609A-27-4-3-1-1	7/23	9485
-------	------------------	------	------

10878		-2 7/27	
-------	--	------------	--

10879		-3 7/28	
-------	--	------------	--

10880		-4 7/28	
-------	--	------------	--

10881		-5 7/28	
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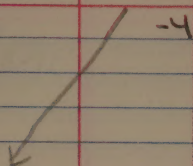
10882	C609A-43-1-5-5-1	7/28	9519
	85/808		

10883		-2 7/25	
-------	--	------------	--

10884		-3 7/23	
-------	--	------------	--

✓ 10 P/p

br 9/4



-4

7/25

10885

-5

7/26

10886

9528

C609A-50-3-1-3-1

85/809

7/25

10887

-2

7/26

10888

-3

7/22

10889

available across 10/25/11

-4

7/27

10890

-5

7/23

10891

9535

C609A-52-5-2-5-1

85/810

7/28

10892

10893	-2 7/30	
-------	------------	--

10894	-3 7/30	
-------	------------	--

10895	-4 7/30	
-------	------------	--

10896	-5 7/31	
-------	------------	--

✓ P/P
bc 9/4

10897	C609A-56-3-2-4-1 8/1	9539
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10898	-2 8/1	
-------	-----------	--

10899	-3 8/1	
-------	-----------	--

10900	-4 8/1	
-------	-----------	--

-5

8/10

10901

9556

C609A-59-1-4-5-1

8/3

10902

85/1035

-2

8/9

10903

-3

8/6

10904

-4

8/2

10905

-5

8/2

10906

9559

C609A-63-3-2-3-1

8/3

10907

-2

8/3

10908

10909

-3
8/4

10910

-4
8/3

10911

-5
8/2

✓
P/P
10912

C609A-64-4-5-2-1

85/896

8/2

9563

10913

-2
7/30

10914

-3
8/2

10915

-4
8/4

10916

-5
8/3

9580	C609A-68-3-3-3-1	8/2	10917
------	------------------	-----	-------

	-2	8/6	10918
--	----	-----	-------

	-3	8/3	10919
--	----	-----	-------

	-4	8/4	10920
--	----	-----	-------

	-5	8/8	10921
--	----	-----	-------

35	LEAH	8/3	10922
----	------	-----	-------

b/c 9/4

9593	C609A-T6-3-1-1-1	7/31	10923
------	------------------	------	-------

85/594

	-2	7/30	10924
--	----	------	-------

10925

7/31 -3

✓ P/p

10926

7/31 -4

10927

7/31 -5

10928

C609A-77-5-3-3-1

7/31

9600

85/1036

10929

8/2 -2

10930

8/5 -3

10931

8/1 -4

10932

8/1 -5

✓ P/p

9634	C609A-86-2-2-1-1	814	10933
	-2	816	10934
	-3	814	10935
	-4	814	10936
	-5	819	10937
9658	C609A-94-1-5-4-1	813	10938
	85/1037		
	-2	813	10939
	-3	813	10940

10941

-4
8/2

✓
P/P

10942

-5
8/3

10943

C609A-95-5-5-1-1

8/1

9665

10944

-2
7/31

10945

-3
8/2

✓
P/P

10946

-4
7/30

10947

-5
8/2

10948

PI 408449

8/6

4960

bx 9/4

Fd	LBNT	8/4	10949
----	------	-----	-------

20301-49 bk	B8132A1-BK	8/9	10950
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LBNT/315650//LMNT

		8/1	10951
--	--	-----	-------

		8/3	10952
--	--	-----	-------

		7/31	10953
--	--	------	-------

		7/31	10954
--	--	------	-------

		7/30	10955
--	--	------	-------

		8/1	10956
--	--	-----	-------

10957

B8132A1-

8/1

20301-49

bis

10958

8/7

10959

7/31

10960

1/2 9/12

8/3

10961

8/1

10962

7/31

10963

8/7

10964

7/31

B8132A1-

20301-49

bk

8/3

10965

8/9

10966

8/5

10967

8/7

10968

8/3

10969

8/4

10970

8/8

10971

7/30

10972

10973	B8132A1-	8/1	20301-49 b/c
-------	----------	-----	-----------------

10974		8/1	
-------	--	-----	--

10975	LMNT	8/6	Fd
-------	------	-----	----

10976	B8133A1-BK	8/3	20351-400 b/c
	LBNT/315650//LMNT		

10977		8/2	
-------	--	-----	--

10978		8/3	
-------	--	-----	--

10979	p/p 9/12	8/3	
-------	----------	-----	--

10980		8/4	
-------	--	-----	--

B8133A1-

20351-400

bk

8/7

10981

8/1

10982

7/30

10983

9/12

7/31

10984

p/p

8/6

10985

8/3

10986

8/3

10987

7/26

10988

10989	B8133A1-	7/28	20351-400 bk
10990		8/4	
10991		7/31	
10992	p/p 9/12	8/8	
10993		8/1	
10994		8/10	
10995		8/9	
10996		8/10	

B8133A1-

8/4

10997

8/3

10998

8/3

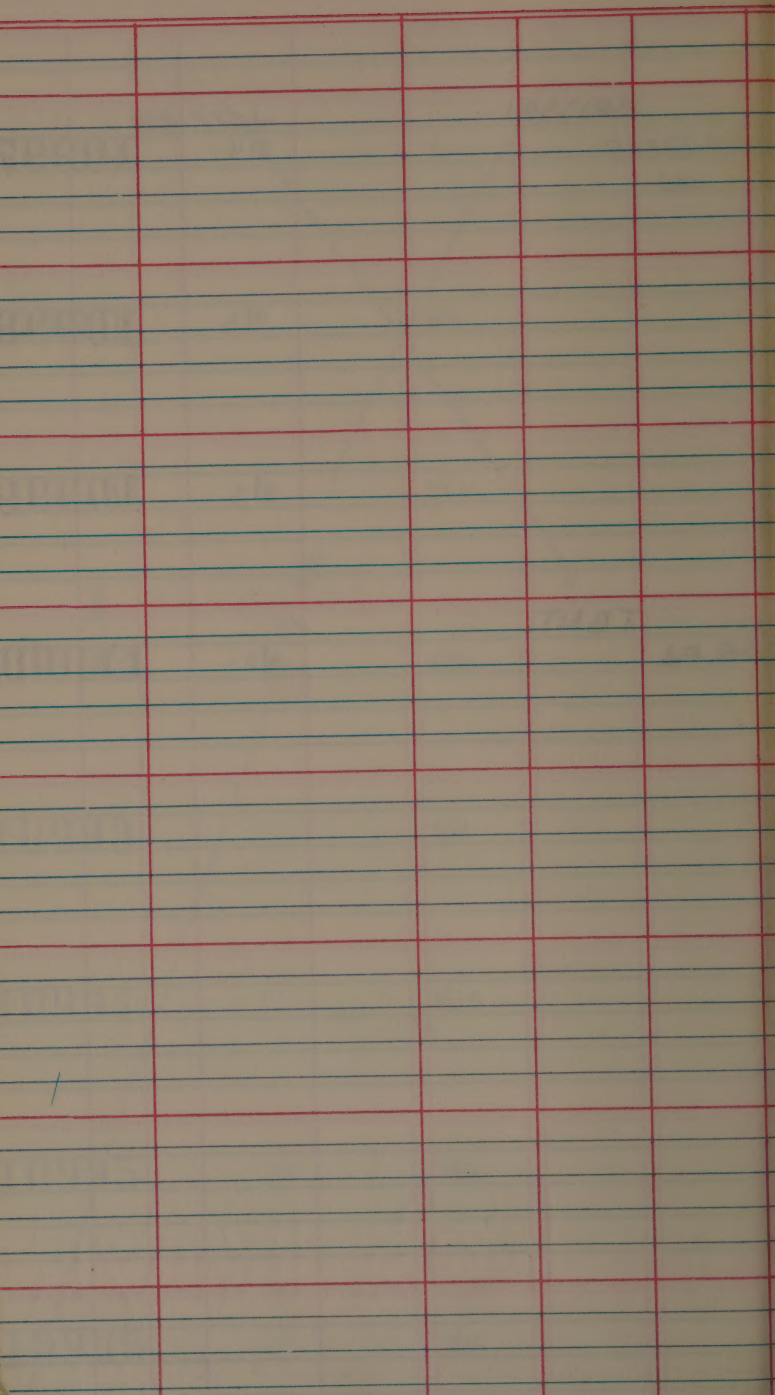
10999

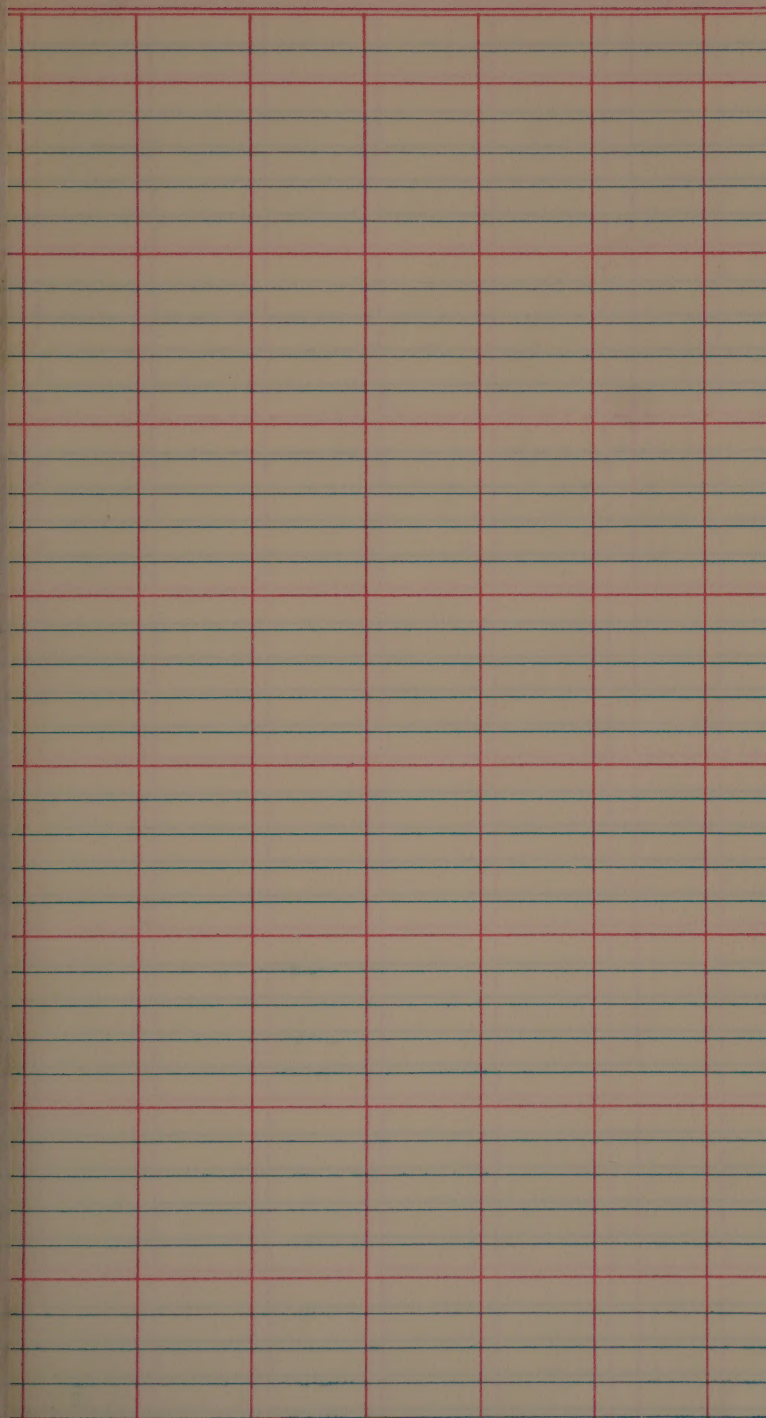
TBNT

AR Fd

8/2

11000





C623A = SKBT/1402003

Heading
complete

C670A =

C634A = LBLE/1802003

C614A = 9881/331581//1802003

C609A = 9881/331581//1801067

B8132A = LBNT/315650//LMNT

B8133A = LBNT/315650//LMNT

12-52
12450
12450
12450
12450
12450-05

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

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(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

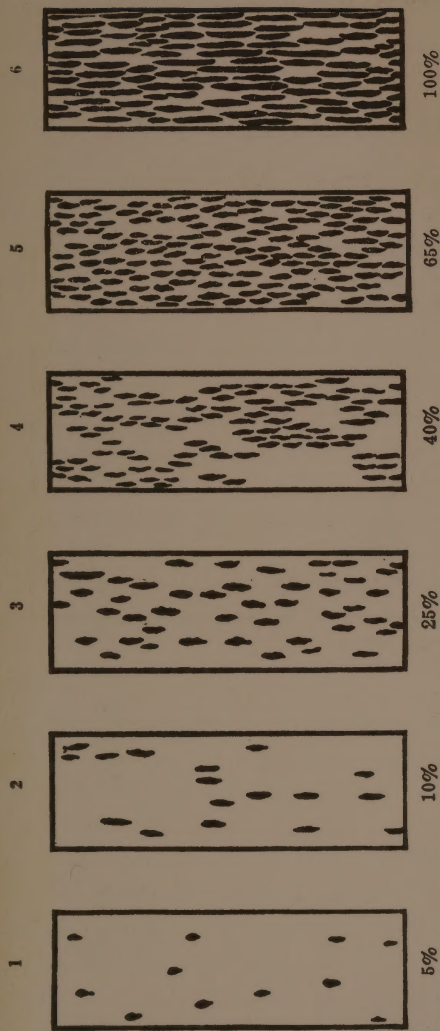
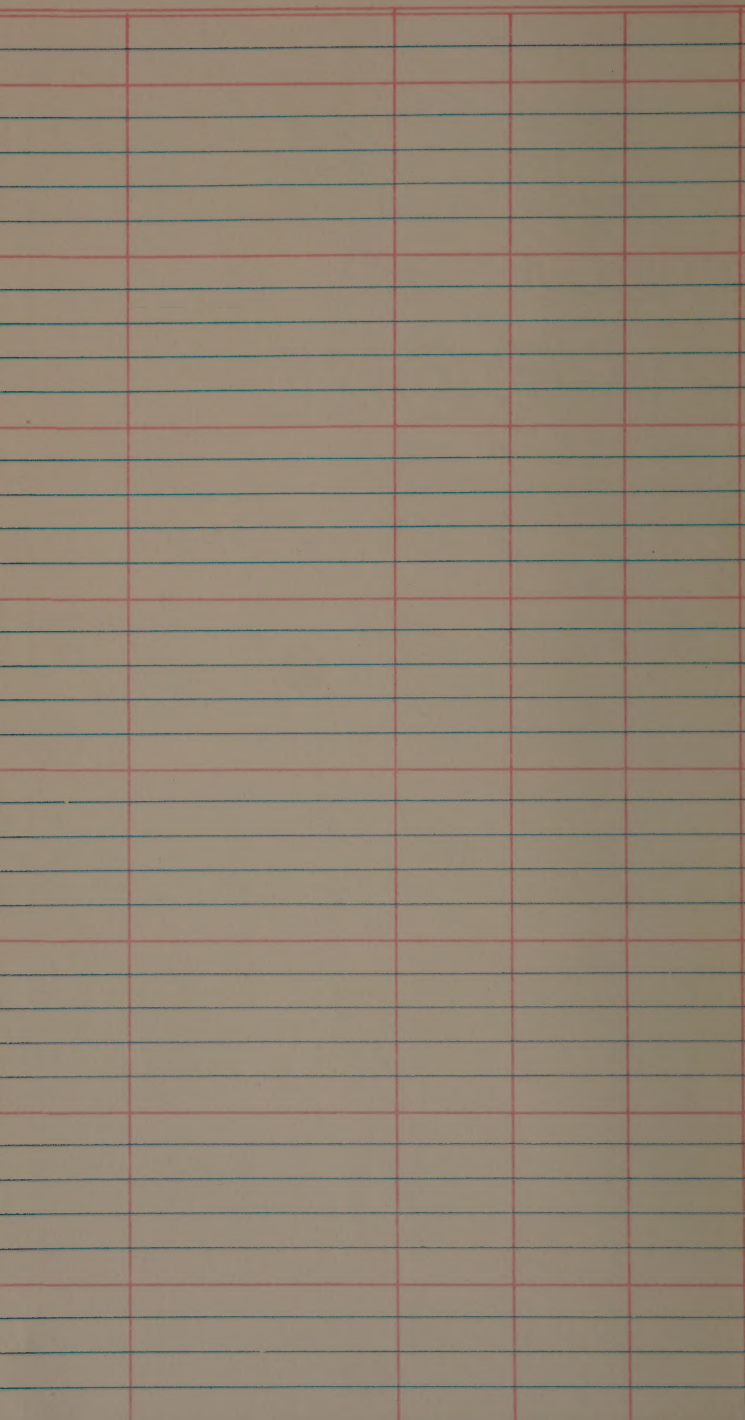
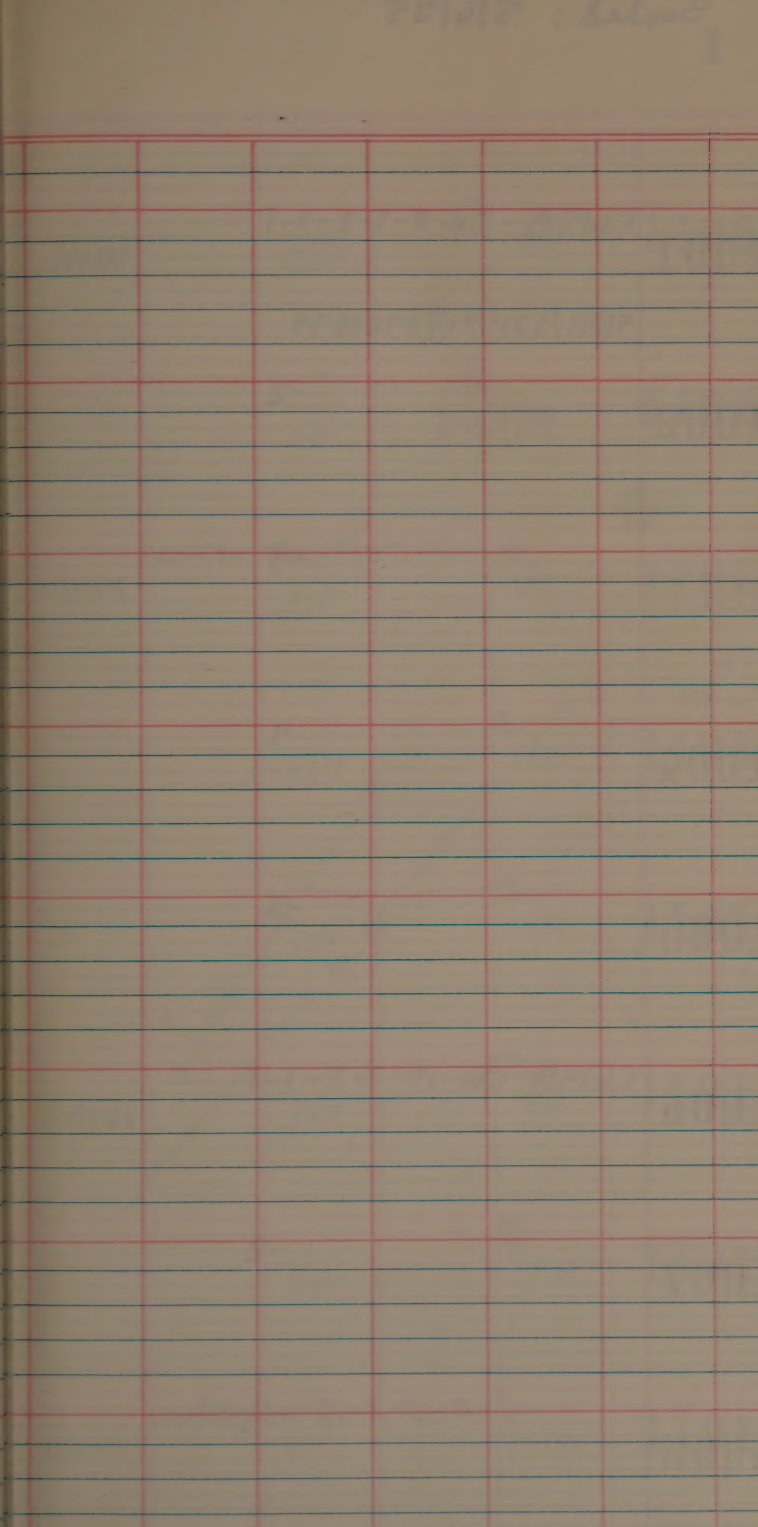


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





Seeded: 5/6/85

11001	C615A-BK-8-7-2-1-1	7/23	10111
	9881/331581//7701074		
11002	85/695	-2 7/23	
11003		-3 7/22	
✓ P/p bc 9/4			
11004		-4 7/22	
11005		-5 7/21	
11006	C615A-BK-14-2-2-1-1	7/25	10132
11007		-2 7/25	
11008		-3 7/25	

-4

7/27

11009

-5

7/26

11010

C615A-BK-17-7-4-4-1

10145

7/31

11011

-2 ↗

7/31

11012

-3

7/31

11013

✓
PIP

-4

7/31

11014

-5

7/31

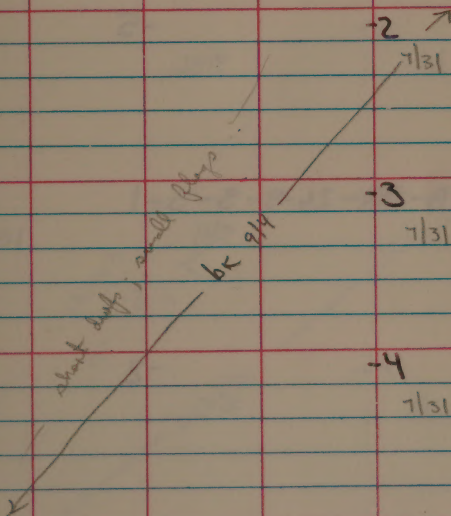
11015

C615A-BK-21-2-5-3-1

10149

7/28

11016



11017

7/30 -2

11018

7/29 -3

11019

8/1 -4

11020

7/26 -5

11021

C615A-BK-26-8-3-3-1

8/4

10176

11022

8/5 -2

11023

8/3 -3

11024

8/2 -4

-5

8/4

11025

RU7703008

3627

8/1

11026

bk 8/30

C615A-BK-27-6-4-1-1

10184

85/989

7/31

11027

-2

7/31

11028

-3

7/31

11029

thresh
grain
grain

-4

8/1

11030

✓
p

-5

7/31

11031

C615A-BK-41-5-2-5-1

10203

7/28

11032

11033

-2
7/28

11034

-3
7/28

11035

-4
7/28

11036

-5
7/28

11037

C615A-Bx-45-10-3-5-1

7/31

10223

11038

-2
7/31

11039

✓
PIP

good; three h. ok

b/c 9/24

-3
7/31

11040

-4
7/31

-5

7/31

11041

C615A-BK-50-4-4-1-1

10225

7/28

11042

-2

7/30

11043

-3

7/31

11044

PIP

bk 9/4

-4

7/31

11045

-5

7/30

11046

C615A-BK-51-4-3-2-1

10236

7/31

11047

-2

7/31

11048

11049

8/2

-3

11050

7/30

-4

11051

7/31

-5

11052

RU 7801067

7/30

4970

bk 8/30

11053

C615A-Bk-53-6-1-2-1

7/29

10246

11054

7/29

-2

11055

7/29

-3

11056

7/31

-4

✓ P1P

bx 914

good month

-5

7/31

11057

C615A-BK-54-2-2-1-1

10251

8/1

11058

-2

8/1

11059

-3

8/1

11060

H/p[✓]

-4

8/3

11061

-5

8/3

11062

C615A-BK-57-6-5-1-1

10261

8/2

11063

-2

8/2

11064

11065

8/1

-3

11066

7/31

-4

11067

7/29

-5

11068

C615A-BK-61-5-2-3-1

8/4

10268

11069

8/4

-2

11070

8/5

-3

11071

8/5

-4

11072

8/5

-5

Fd	LMNT	8/3	11073
CB	CB 801	8/8	11074
AR Fd	NWBT	8/3	11075
10286	C615A-BK-69-3-1-5-1	7/27	11076
		-2 7/28	11077
		-3 7/26	11078
		-4 7/29	11079
		-5 7/27	11080

11081	C615A-BK-69-10-3-3-1	7/28	10289
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11082		7/29	-2
-------	--	------	----

11083		7/28	-3
-------	--	------	----

✓
P/P
bx 9/4

11084		7/28	-4
-------	--	------	----

11085		7/28	-5
-------	--	------	----

11086	C615A-BK-T2-8-5-3-1	8/1	10299
-------	---------------------	-----	-------

11087		7/31	-2
-------	--	------	----

11088		8/1	-3
-------	--	-----	----

-4

7/31

11089

-5

8/1

11090

Pip ✓

bx 9/4

C615A-BK-76-3-1-4-1

10305

7/31

11091

85/990

-2

7/31

11092

-3

7/31

11093

+trash
better

-4

8/1

11094

Pip ✓

bx 9/4

-5

7/31

11095

C615A-BK-77-10-1-3-1

10319

7/30

11096

85/937

11111097

7/30

-2

11111098

7/29

-3

11111099

7/29

-4

11111100

7/30

-5

11111101

C615A-BK-80-10-4-2-1

7/28

10329

11111102

7/28

-2

11111103

7/26

-3

11111104

7/27

-4

-5

7/26

111105

C615A-1-10-2-3-1

10335

7/30

111106

-2

7/31

111107

-3

8/1

111108

by 9/14-4

8/1

111109

-5

8/1

111110

File ✓

C615A-4-2-3-2-1

10339

8/2

111111

-2

8/2

111112

111113

-3
8/1

111114

-4
8/1

111115

-5
8/1

✓
P/p
bx 9/4
111116

C615A-12-7-1-1-1

7/25

10348

111117

-2
7/27

111118

-3
7/27

111119

-4
7/26

111120

-5
7/28

✓
P/p
bx 9/4

C615A-13-1-4-1-1

10354

7/27

11121

-2

7/27

11122

-3

7/28

11123

rip ✓
br 9/4

-4

7/28

11124

-5

7/29

11125

SKBT

Fd

7/30

11126

br 8/30

C615A-13-5-5-3-1

10361

85/991

7/31

11127

-2

7/31

11128

11129

✓
P/p

neg uniform, light
rust
b/c 9/4

7/31 -3

11130

7/29 -4

11131

7/31 -5

C615A-14-

11132

7/29

10368

11133

7/29

11134

✓
P/p
b/c 9/4

7/29

11135

7/29

11136

7/30

10387 C615A-22-2-1-3-1

7/31

11137

-2

8/1

11138

-3

7/31

11139

-4

7/31

11140

rip ✓

-5

7/31

11141

10391 C615A-22-5-2-2-1

7/24

11142

-2

7/24

11143

-3

7/24

11144

through good

bk 9/14

111145

-4
7/24

111146

-5
7/24

111147

C615A-23-2-4-3-1

7/26

10397

111148

-2
7/28

✓
PIP

111149

-3
7/27

think good; speed
be 9/4

111150

-4
7/27

111151

-5
7/27

111152

TRNT

7/25

AR Fd

OK 8/30

C615A-24-2-3-2-1

10412

85/993

8/1

11153

-2

8/2

11154

-3

8/2

11155

-4

8/2

11156

P/p ✓

bx 9/4

-5

8/3

11157

C615A-25-5-3-3-1

10418

85/696

7/27

11158

-2

7/28

11159

P/p ✓

bx 9/4

-3

7/28

11160

11161

-4
7/28

11162

-5
7/28

11163

C615A-26-8-1-2-1

8/2

10443

11164

-2
8/1

11165

2/28
new-3
7/31

11166

-4
7/31

11167

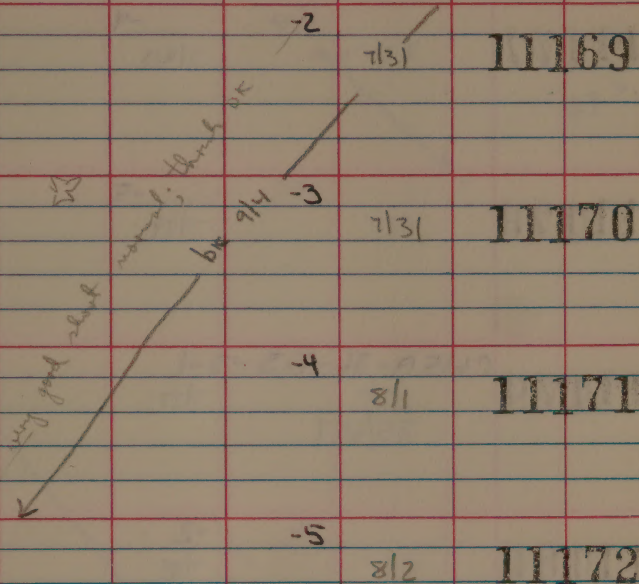
-5
8/1

11168

C615A-33-10-1-5-1

7/31

10467



DAWN

15425

8/4

11173

bc 9/4

CG15A-34-6-1-1-1

10474

7/31

11174

-2

7/31

11175

-3

7/30

11176

111177

✓
PP

bx 7/4 -

-4

7/30

111178

-5

7/29

111179

C615A-36-9-3-3-1

85/697

7/27

10491

111180

✓
PP

-2

7/28

111181

good; check OK

bx 7/4

-3

7/30

111182

-4

7/26

111183

-5

7/29

111184

C615A-37-3-1-1-1

7/30

10494

-2

7/29

11185

-3

7/28

11186

-4

7/28

11187

-5

7/28

11188

C615A-39-2-4-5-1

10508

7/31

11189

-2

7/31

11190

-3

7/31

11191

-4

7/31

11192

11193

-5

7/31

11194

C615A-39-6-2-2-1

8/2

10510

11195

-2

7/31

11196

-3

7/31

11197

-4

7/31

11198

-5

7/31

11199

C615A-41-4-2-2-1

7/29

10515

11200

-2

7/29

✓ Pp
or 9/4

-3

7/30

11201

-4

7/31

11202

-5

7/30

11203

C615A-42-1-3-5-1

10523

7/26

11204

-2

7/26

11205

7/4-3

7/25

11206

-4

7/25

11207

rip ✓

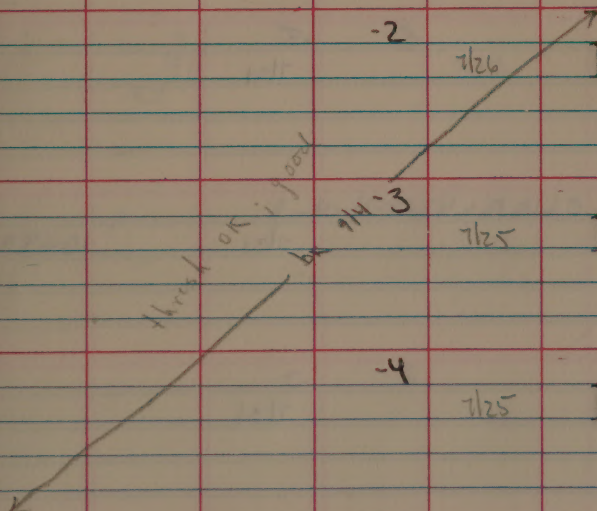
-5

7/28

11208

thru arch OK
good plant

thru arch OK; good



11209

C615A-42-7-1-1-1

7/29

10525

11210

-2

7/28

11211

fresh
OK

-3

7/28

11212

-4

7/30

✓
pic
b/c 9/4

11213

-5

7/31

11214

C615A-43-1-4-4-1

7/31

10533

11215

-2

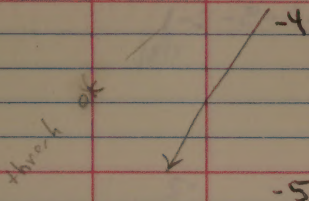
7/31

11216

-3

7/31

↗
b/c 9/4



7/29

11217

7/31

11218

CG15A-44-3-5-5-1

10539

7/26

11219

-2

7/29

11220

-3

7/30

11221

-4

7/30

11222

-5

7/30

11223

RU8303169

32

8/4

11224

11225	CG5A-46-3-5-2-1	7/31	10546
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11226		-2 8/2	
-------	--	-----------	--

11227		-3 8/3	
-------	--	-----------	--

11228		-4 8/3	
-------	--	-----------	--

✓
PIP

11229		-5 7/31	
-------	--	------------	--

11230	CG15A-48-10-3-1-1	7/30	10561
-------	-------------------	------	-------

85/811

11231		-2 7/30	
-------	--	------------	--

11232		-3 7/30	
-------	--	------------	--

✓
PIP

-4

7/27

11233

-5

7/30

11234

CG15A-51-4-3-1-1

10571

85/698

7/28

11235

-2

7/29

11236

-3

7/29

11237

-4

7/29

11238

-5

7/28

11239

P/P ✓

bc 9/4

CG15A-63-7-3-5-1

10611

85/994

11240

11241

-2

8/4

11242

-3

8/4

11243

-4

8/4

11244

-5

7/31

11245

C615A-65-3-1-2-1

7/30

10618

11246

-2

7/31

11247

-3

7/30

11248

-4

7/31

		-5	7/30	11249
HR	RU8303046		7/30	11250
				bxc 9/4
10646	C615A-70-7-3-4-1		7/31	11251
		-2	7/29	11252
				p/p bxc 9/4
		-3	7/30	11253
		-4	7/29	11254
		-5	7/31	11255
10650	C615A-76-8-3-3-1		7/30	11256

11257

-2
7/31

11258

-3
7/30

11259
✓

-4
7/30

11260

-5
7/31

11261

CG15A-79-7-1-4-1

85/995

8/2

10662

11262

-2
8/2

11263

thresh OK?
productive?
BR 7/4
-3
8/2

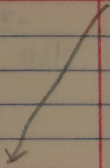
11264

-4
8/1

-5

8/2

11265

✓
8/2

C615A-81-3-3-2-1

10665

7/29

11266

-2

7/29

11267

✓
P/P

bk 914

-3

7/30

11268

good
plate

-4

7/30

11269

-5

7/30

11270

C615A-84-6-2-4-1

10678

7/30

11271

-2

7/29

11272

11273

-3

7/30

✓ P/p

bk 9/4

11274

-4

7/30

11275

-5

7/29

11276

L-202

7/25

119

880

bk

11277

CG15A-84-7-1-2-1

7/23

10681

11278

-2

7/25

11279

-3

7/25

through old

✓ P/p

bk 9/4

11280

-4

7/25

-5

7/25

11281

C615A-

10692

7/28

11282

7/29

11283

7/29

11284

light
box

7/27

11285

7/27

11286

C615A-

10696

7/26

11287

7/27

11288

pl
bx 714

11289

7/26

11290

7/27

11291

7/27

11292

C615A-87-9-1-3

7/27

10707

85/812

11293

7/29

11294

7/30

11295

7/30

11296

7/29

bx 8/4
thrash yard
1st plant

CG15A-

10712

7/29

11297

pip

7/29

11298

7/30

11299

7/29

11300

7/29

11301

CG15A-88-9-3-1-1

10715

7/28

11302

-2

7/28

11303

pip

br 9/4

-3

7/27

11304

11305

-4
7/28

11306

-5
7/27

11307

CG15A-92-8-1-5-1

7/26

10724

11308

-2
7/27

11309

-3
7/27

✓
P/P
br 9/4

11310

-4

11311

-5

11312

CG15A-93-8-5-5-1

7/27

10730

✓
P/P

-2

7/24

11313

-3

7/24

11314

-4

7/24

11315

-5

7/24

11316

C615A-94-9-3-3-1

10738

7/25

11317

-2

7/25

11318

-3

7/26

11319

P/P ✓

-4

7/28

11320

11321

-5
7/27

11322

C615A-95-10-5-5-1

7/29

10745

11323

-2
7/30

11324

-3
8/1

11325

-4
7/31

11326

-5
7/30

✓ PR
11327

BLMT

8/1

Fd

11328

C615A-96-9-5-2-1

8/1

10747

85/996

-2

8/1

11329

✓
p

-3

8/2

11330

-4

8/2

11331

-5

8/2

11332

C615A-99-8-1-5-1

10756

85/699

7/28

11333

-2

7/28

11334

-3

7/28

11335

✓
p

bx 9/14

-4

7/28

11336

11337

-5
7/28

11338

C615A-BK₂-2-3-4-1

8/3

10760

11339

-2
8/3

11340

-3
8/3

11341

-4
8/4

11342

-5
8/2

11343

C615A-BK₂-37-3-3-1

7/28

10790

11344

-2
7/31

-3

7/31

11345

-4

7/31

11346

-5

7/31

11347

CG15A-BK₂-57-4-3-1

10800

8/3

11348

± 85/998

-2

8/3

11349

-3

8/4

11350

-4

8/4

11351

-5

8/3

11352

bk 9/4

11353 RU8303116 7/25 116

8/30

11354 C615A-BK₂-93-1-1-1 7/31 10829

11355 -2 7/30

11356 -3 8/1

11357 -4 7/31

11358 -5 8/1

P/P
BK 9/4

11359 C615A-BK₂-106-3-5-1 8/3 10848

11360 -2 8/4

-3

8/5

11361

-4

8/4

11362

-5

8/7

11363

CGISA-BK₂-112-2-4-1

10858

7/27

11364

-2

7/27

11365

-3

7/26

11366

-4

7/26

11367

-5

7/27

11368

11369	CG15A-Bk ₂ -113-3-2-1 85/1000	8/3	10861
11370	✓ P1p br 914	-2 8/3	
11371	very good sup. to fixed ok? gran?	-3 8/4	
11372		-4 8/3	
11373		-5 8/4	
11374	BOND	7/25	AR FD
11375	CG15A-Bk ₂ -116-3-5-1 ± 938	7/31	10869
11376		-2 7/31	

-3

7/30

11377

✓
p/p

b/c 9/4

-4

7/29

11378

-5

7/31

11379

CG15A-BK₂-118-3-3-1

10872

7/29

11380

-2

7/28

11381

-3

7/28

11382

right

-4

7/28

11383

-5

7/29

11384

11385	C615A-Bx ₂ -139-3-2-1 85/897	7/29	10892
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11386		-2 7/30	
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11387		-3 7/30	
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11388		-4 7/30	
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11389		-5 7/29	
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11390	C615A-	8/3	10919
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11391		8/2	
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11392		8/3	
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8/2

11393

8/1

11394

C615A-

10922

85/939

7/31

11395

8/1

11396

✓
8/1

7/31

11397

8/1

11398

7/31

11399

C615A-

10937

7/28

11400

11401

7/28

11402

7/30

11403

7/28

11404

7/27

11405

C615A-

7/30

10942

11406

7/28

11407

7/31

11408

7/30

7/25

11409

C615A-

10955

7/25

11410

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11411

OK

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11413

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11414

Pp

b1c 9/4

C615A-

11004

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11415

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11420

C615A-

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11021

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11422

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11423

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11424

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35	LEAH		8/3	11425	
					6/9 9/4
11029	C615A-	85/700	7/30	11426	
			7/29	11427	
			7/29	11428	
			7/29	11429	✓
					P/P
			7/29	11430	
11033	C615A-		7/29	11431	
			7/27	11432	

11433

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11436

CG15A-

85/596

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11043

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11439

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11440

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CG15A-

11049

7/26

11441

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11442

rip

7/25

11443

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11444

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11445

CG15A-

11080

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11446

85/701

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11447

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11449

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11450

7/31

✓ P/p
bc 9/4

C615A-

11451

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11125

85/814

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✓ P/p
bc 9/4

C615A-

11456

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11172

85/597

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11459

8/p[✓]

7/27

11460

PI 408449

4960

8/9

11461

B8269A2-i

20168-73

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11462

LEAH / 8003050 * 2

-2

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11463

-3

8/2

11464

11465	B8269A2-4	7/30	20168-73
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11466	-5	7/31	
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11467	-6	8/2	
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11468	-7	7/31	
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11469	-8	7/30	
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11470	-9	7/29	
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11471	-10	7/30	
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11472	-11	8/4	
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B826A2-12

20168-73

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11473

-13

7/31

11474

RU8003050

52

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11475

20168-73

B826A2-14

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11476

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11477

-16

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11478

-17

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11479

-18

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11480

11481	B826A2-14	7/25	20168-73	
✓ pip				
11482	-20	7/28		
11483	-21	7/31		
11484	-22	7/27		
11485	-23	7/29		
11486	-24	7/29		
✓ pip				
11487	-25	7/30		
✓ pip				
11488	-26	7/29		

B8269A2-27		
20168-73	7/28	11489
-28	7/28	11490
-29	8/1	11491 P/P ✓
-30	7/28	11492 P/P ✓
-31	7/29	11493 P/P ✓
-32	7/30	11494
-33	7/30	11495
-34	8/2	11496 P/P ✓

11497	B8269A2-35	7/29	20168-73
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11498	-36	8/3	
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✓ PIP

11499	-37	7/31	
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11500	-38	7/30	
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11501	-39	7/31	
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11502	-40	8/1	
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11503	-41	7/31	
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11504	-42	7/31	
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✓ PIP

B8269A2-43

0168-73

7/31

11505

P/P ✓

7/29

11506

-45

7/31

11507

P/P ✓

7/29

11508

-47

7/28

11509

P/P ✓

8/1

11510

-49

7/30

11511

P/P ✓

7/30

11512

B8269A2-51

11513

7/29

20168-73

11514

7/28

11515

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-56

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11519

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11520

-58

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B826A2-59

20168-73

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11521

7/31

11522

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11523

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11524

LMNT

Fd

8/4

11525

20168-73

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11526

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-65

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11529	B8269A2-66	8/2	20168-73
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11530		7/31	
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11531	-68	8/1	
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11532		7/31	
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11533		8/4	
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11534		7/29	
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11535		8/4	
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11536	-73	8/5	
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B8269A2-74

20168-73

8/2

11537

-75

7/31

11538

P/p ✓

7/31

11539

8/11

11540

-78

7/31

11541

P/p ✓

7/31

11542

8/2

11543

-81

8/2

11544

11545	B8269A2-82	8/3	20168-73
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11546		8/9	
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11547		8/9	
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11548		8/10	
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11549		8/12	
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11550	LBLE	7/29	Fd
		8/30	

11551		8/8	
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11552	-89	8/8	
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B8269A2-90

20168-73

8/5

11553

-91

8/2

11554

P/p[✓]

8/3

11555

-93

8/1

11556

P/p[✓]

8/8

11557

8/2

11558

-96

8/1

11559

P/p[✓]

-97

8/2

11560

V/p[✓]

B8269A2-98

11561

8/7

20168-73

11562

8/10

11563

8/2

11564

8/4

11565

-102

8/1

✓
P/p

11566

-103

8/1

✓
P/p

11567

8/1

11568

-105

8/1

20168-73	B8269A2-106	8/1	11569
		8/1	11570
		8/8	11571
	-109	8/1	11572 P/p ✓
		8/9	11573
		7/31	11574
	-112	7/30	11575 P/p ✓
	-113	7/30	11576

11577	B8269A2-114	8/4	20168-73
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11578		8/3	
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11579		7/30	
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11580	-117	7/31	
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11581	PI 408449	8/11	4960
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11582	B8220A1-BK	7/27	20626-50
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KCAI/LEAH #2

11583		7/24	
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11584		7/29	
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B8220A1-

20626-50

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P/P 8/31

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11593 B8220A1- 7/26 20626-50

11594 7/29

11595 7/28

11596 7/29

11597 7/29

11598 7/29

11599 7/30

11600 7/29

Seeded: 5/3/85

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B841A1

F₁

7/17

11601

29LU//LBNT/315650 * F₁ /3/ELBL

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11602

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11610

B841A2

7/1

F₁

11611

6/30

11612

7/4

11613

7/1

11614

7/3

11615

6/30

11616

7/3

$7/2$

11617

 F_1

B841A3

 $7/13$

11618

 $7/5$

11619

 $7/3$

11620

 $7/3$

11621

5775

ELBL

 $7/10$

11622

 F_1

B841A4

 $7/12$

11623

 $7/8$

11624

11625

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11626

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11630

B841A5

7/13

F,

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$7/1$

11633

 $7/2$

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 $7/12$

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 $7/15$

11636

 $7/5$

11637

 $6/30$

11638

 F_1

B841A6

 $7/1$

11639

 $7/4$

11640

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11642

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11645

7/1

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11647

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11649

3841A8

F₁

6/30

11650

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11651

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11652

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11653

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11654

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RU8303046

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HR

11659

B842A1

7/8

F₁

VSTA/LBNT//LMNT * F₁ /3/ELBL

11660

7/10

11661

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11663

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B842A2

F₁

7/10

11665

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11666

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11667

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11668

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11669

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11670

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11671

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11672

11673

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11674

LMNT

8/1

Fd

11675

B842A3

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F₁

11676

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11679

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11680

B842A4

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F₁

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11681

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11682

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11683

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11684

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11685

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11686

F₁

B842A5

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11687

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11688

11689

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11690

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11691

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B842A6

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F₁

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B842A7

F₁

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B842A8

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F₁

11709

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F₁ B842A9

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BLMT

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Fd

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B842A10

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F,

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B842 A11

7/13

F₁

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SKBT

Fd

7/26

11748

B842A12

F₁

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B842A13

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F₁

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11762

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11763

B842A14

F₁

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11770

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11771

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11772

L-202

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119

11773

B842A15

7/13

F₁

11774

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11775

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11776

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7/13 11777

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F₁ B842 A16 7/21 11782

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B842A17

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F₁

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11792

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11793

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11794

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11795

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11796

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11797

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11798

Fd

LBLE

7/21

11799

AR Fd

BOND

7/21

11800

Seeded: 5/3/85

11801	B842A18	7/10	F ₁
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11802		7/7	
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11803		7/10	
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11804		7/10	
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11805		7/9	
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11806		7/9	
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11807		7/8	
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11808		7/10	
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11809

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F₁

B842A19

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B842A20

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F₁

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7/9 11825

7/8 11826

F₁ B842A21 7/7 11827

7/9 11828

7/9 11829

32 RU8303169 7/29 11830

F₁ B843A1 7/9 11831VSTA/LAUT//BLMT * F₁ /3/ELBL

7/13 11832

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11841

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11842

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11843

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11844

B843A2

F₁

7/7

11845

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11846

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11849

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11850

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CB-801

11851

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CB

B843A3

11852

7/9

F₁

11853

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11854

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11855

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11856

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11857

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11858

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11859

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11860

F₁

B843A4

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11861

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11862

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11863

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11864

11865

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11870

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11871

B843A5

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F₁

11872

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11873

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11874

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11876

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11877

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11878

LBNT

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11879

B843A6

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11880

F₁

11881

7/13

11882

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11883

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11884

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11886

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11887

B843A7

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F₁

11888

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11889

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11890

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11891

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11892

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11893

B843A8

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11894

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11895

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11896

F₁

11897

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11900

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11901

B843A9

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F₁

11902

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11903

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11904

B843A10

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F₁

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11905

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11906

B843A11

F₁

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11907

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11908

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11909

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11910

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11911

B843A12

F₁

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11913

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11914

NWRX

7/30

Fd

11915

B844A1

7/9

F₁

LEAH/LMNT * F₁ // NWRX * F₁ / 3/ELBI

11916

7/8

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11921

B844A2

F₁

7/10

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B844A3

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F,

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B844A4

F₁

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B844A5

F₁

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B844A6

F₁

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B844A7

F₁

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11944

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11946

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11950 B844A8

7/11

F₁

11951

7/12

11952 B844A9

7/7

F₁

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3800

LBLE-X2-2

7/24

11958

B845A1

F₁

7/10

11959

LBLE-X2-2/BJ-1 *F, //LMNT/3/ELDL

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11961

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11966

B845A2

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F₁

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11969

F₁

B845A3

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11971

7/7

11972

F₁

B845A4

7/8

11973

F₁

B845A5

7/8

11974

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11976

11977	B845A6	7/3	F ₁
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11978		7/8	
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11979		7/8	
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11980		7/3	
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11981	RU8003050	7/30	52
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11982	B846A1	7/6	F ₁
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ELBL//29LU/8003050 * F₁

11983	B846A2	7/19	F ₁
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11984	B846A3	7/6	F ₁
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7/4

11985

B846A5

F₁

7/3

11986

L-201

10952

7/20

11987

B847A3

F₁

7/16

11988

ELBL // KCAI / 8003050 * F₁

B847A4

F₁

7/13

11989

B847A12

F₁

7/9

11990

RU8303116

116

7/20

11991

B849A1

F₁

7/25

11992

8303116/LMNT

11993

7/23

11994

7/26

11995

7/25

11996

7/23

11997 LMNT

8/1

Fd

11998 RU8303169

7/29

32

11999 RU8303046

7/29

HR

12000 RU8303181

7/30

HR

Seeded : 5/9/85

63

11193 C612A-Bk-2-2-3-2-1 7/25 12001

-2 7/24 12002
P/D ✓

-3 7/20 12003

-4 7/22 12004

-5 7/22 12005

11217 C612A-Bk-14-3-5-1- 7/19 12006
85/508

7/17 12007

7/18 12008
P/D ✓

12009

7/21

12010

7/19

12011

C612A-BK-21-5-5-3-

7/20

11235

85/940

12012

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12013

7/22

12014

7/20

12015

7/20

✓ P/P

12016

C612A-BK-23-4-2-1-

7/19

11243

7/19

12017

7/19

12018

P/p ✓

7/19

12019

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12020

C612A-BK-27-5-4-2-

11250

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12021

7/18

12022

7/19

12023

P/p ✓

7/19

12024

12025

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12026

LMNT

8/1

Fd

8/30

12027

C612A-Bk-33-1-5-2-

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11276

12028

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12029

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✓
Op

bk 9/4

12030

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12031

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12032

C612A-Bk-34-3-5-3-

7/20

11282

85/509

7/19

12033

Pp ✓

7/19

12034

7/19

12035

7/20

12036

C612A-Bk₂-11-4-2-

11296

85/510

7/21

12037

7/21

12038

7/20

12039

Pp ✓

7/20

12040

12041

7/18

12042

C612A-Bk₂-19-3-3-

7/19

11312

85/598

12043

7/19

12044

7/18

12045

7/18

✓
819

12046

7/18

12047

C612A-Bk₂-29-3-1-

7/20

11326

85/600

12048

7/17

7/18

12049

p[✓]

7/19

12050

7/19

12051

RU 7402003

4964

7/20

12052

8/30

C612A-Bk₂-33-3-1-

11331

7/21

12053

7/20

12054

p[✓]

bk 914

7/21

12055

7/24

12056

12057

7/19

12058

C612A-BK₂-36-3-4-

11339

85/702

7/21

12059

7/21

12060

7/21

12061

7/21

12062

7/22

12063

C612A-BK₂-47-2-1-

7/18

11352

85/601

12064

7/20

7/20

12065

✓
P/P

7/19

12066

7/18

12067

11359

7/21

12068

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12069

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12070

✓
P/P

bk 7/4

7/22

12071

7/21

12072

12073	L-202	7/25	119
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8/30

12074	C612A-Bk ₂ -61-2-5-	7/21	11382
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85/512

12075		7/22	
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12076		7/25	
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12077		7/24	
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12078		7/25	
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✓ Pip

12079	C612A-Bk ₂ -68-4-2-	7/22	11389
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85/602

12080		7/22	
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7/22

12081

7/21

12082

p/p

7/22

12083

C612A-B_{K2}-T3-3-4-

11396

7/21

12084

7/20

12085

7/19

12086

p/p

OK 9/4

7/20

12087

7/20

12088

12089	C612A-Bk ₂ -78-2-1-	7/20	11398
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12090		7/19	
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✓ Pip
bk 9/4

12091		7/20	
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12092		7/21	
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12093		7/19	
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12094	C612A-Bk ₂ -86-2-5-	7/20	11412
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85/604

12095		7/21	
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12096		7/20	
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7/20

12097

7/20

12098

11431

CG12A-BK₂-97-1-3-

7/22

12099

7/20

12100

7/21

12101

2/21

12102

7/20

12103

11437

CG12A-BK₂-100-2-4-

7/17

12104

85/513

12105

7/17

12106

7/19

12107

7/17

✓
P/P

12108

7/18

12109

C612A-BK₂-103-4-3-

7/20

11441

12110

7/18

12111

7/19

✓
P/P

br 9/4

than too small?

12112

7/20

7/21

12113

C612A-Bk₂-107-2-2-

11445

7/20

12114

7/20

12115

7/20

12116

7/19

12117

1/p

bk 914

7/19

12118

C612A-Bk₂-110-3-2-

11451

85/514

7/19

12119

7/18

12120

12121

7/20

✓ P/p

12122

7/20

12123

7/20

12124 TBNT

7/20

AR Fd

bx 9/4

12125 C612A-Bk₂-120-2-4-

7/20

11468

85/516

12126

7/20

12127

7/19

12128

7/19

✓ P/p

7/20

12129

C612A-BK₂-123-1-1-

11470

7/20

12130

85/517

7/20

12131

✓
1/10

7/18

12132

7/20

12133

7/20

12134

C612A-6-3-2-4-

11504

7/24

12135

7/23

12136

12137

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12138

7/23

✓
pip
bk 914

12139

7/23

12140

C612A-12-1-2-5-

7/21

11515

12141

7/22

12142

7/21

✓
pip

12143

7/22

12144

7/22

CG12A-13-1-3-2-

11517

7/21

12145

7/21

12146

7/22

12147

7/22

12148

7/22

12149

SKBT

Fd

7/24

12150

bx 8/30

CG12A-14-3-4-5-

11525

7/24

12151

7/23

12152

 ppv
 bx 9/14

12153

7/24

12154

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12155

7/25

12156

C612A-14-5-2-4-

7/20

11530

12157

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12158

7/20

✓ PIP
bx 9/4

12159

7/20

12160

7/21

C612A-21-3-3-3-

11539

85/518

7/22

12161

7/22

12162

7/19

12163

P/P ✓

7/20

12164

7/20

12165

C612A-25-2-2-5-

11551

85/605

7/23

12166

7/23

12167

7/23

12168

P/P ✓

12169

7/20

12170

7/20

12171

C612A-36-5-5-2-

7/21

11590

85/520

12172

7/19

✓
PIP

12173

7/20

12174

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12175

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12176

LBLE

7/18

Fd

8/30

11610 C612A-41-2-5-5-

7/21

12177

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12178

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12179

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12180

✓
P/P

bk 9/4

7/20

12181

11622 C612A-46-3-1-2-

7/23

12182

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12183

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12184

12185

7/23

12186

7/24

12187

CG12A-48-5-3-3-

7/26

11634

✓ P/p
bk 9/4

12188

7/26

12189

7/26

12190

7/24

12191

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12192

CG12A-49-1-3-2-

7/20

11638

85/521

7/21

12193 ✓

P/p

7/21

12194

7/20

12195

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12196

C612A-51-3-2-3-

11649

7/17

12197

7/18

12198 ✓

P/p

7/18

12199

7/18

12200

more long summer but look
production

12201

7/20

12202

C612A-51-3-5-1-

7/19

11653

12203

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12204

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12205

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12206

7/17

12207

C612A-52-2-5-4-

7/20

11661

85/522

12208

7/21

✓
PP +

7/23

12209

thick letter

7/23

12210

7/22

12211

CG12A-5-2-2-2-

11664

7/21

12212

7/18

12213

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12214

7/19

12215

PK 9/19

7/20

12216

12217	C612A-	7/21	11667
12218		7/22	
✓ br			
12219		7/23	
12220		7/23	
12221		7/22	
12222	RU8303169	7/23	32
br 9/4			
12223	C612A-	7/17	11672
✓ br br 9/4			
12224		7/19	

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12225

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12226

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12227

CG12A-57-5-2-5-

11678

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12228

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12229

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12230

P/p
bx 9/4

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12232

12233	C612A-58-1-1-1-	7/17	11679
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12234		7/17	
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12235		7/17	
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✓
PIP
bk 9/4

12236		7/18	
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12237		7/19	
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12238	C612A-61-5-1-5-	7/21	11688
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12239		7/23	
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12240		7/20	
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7/20

12241

P/P ✓

bk 9/4

7/21

12242

C612A-63-4-2-5-

11693

7/18

12243

7/17

12244

P/P ✓

bk 9/4

7/17

12245

7/17

12246

7/17

12247

BLMT

Fd

7/25

12248

bk 9/4

12249	C612A-63-4-3-3- 85/523	7/18	11696
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12250 ✓ pp		7/19	
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12251		7/17	
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12252		7/19	
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12253		7/17	
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12254	C612A-64-2-5-2-	7/17	11700
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12255 ✓ pp bx 9/4		7/17	
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12256		7/17	
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7/18

12257

7/18

12258

CG12A-65-3-5-2-

11710

7/21

12259

7/23

12260

r/p ✓

7/23

12261

7/24

12262

7/24

12263

CG12A-67-1-2-5-

11718

7/18

12264

r/p
5-9/14

12265

7/18

12266

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12267

7/20

12268

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12269

C612A-71-2-3-1-

7/21

11725

85/524

12270

7/20

12271

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✓ 11/1

12272

7/21

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12273

R08303046

HR

7/25

12274

bk 9/4

C612A-72-5-5-3-

11732

7/21

12275

P/p ✓

bk 9/4

7/23

12276

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12277

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12278

7/22

12279

C612A-75-4-1-5-

11739

7/21

12280

P/p ✓

12281

7/27

12282

7/20

12283

7/25

12284

7/24

12285

C612A-76-2-3-5-

7/23

11744

12286

7/21

✓
pip
12287

7/21

12288

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12289

C612A-76-2-4-5-

11749

7/25

12290

7/25

12291

7/25

12292

7/26

12293

△ tip ✓

bx 9/4

7/26

12294

C612A-78-2-5-5-

11755

7/22

12295

7/22

12296

7/7 ✓

bx 9/4

12297

7/22

12298

7/19

12299

7/21

12300

C612A-T8-4-2-1-

7/23

11756

12301

7/25

12302

7/24

12303

7/26

✓ 8/18 5/4
bk 7/14

12304

7/24

11765	C612A-79-2-1-5- 85/525	7/20	12305
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		7/19	12306
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		7/19	12307
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		7/19	12308
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✓
v/p

		7/19	12309
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11769	C612A-	7/21	12310
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		7/24	12311
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		7/23	12312
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12313

7/23

12314

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12315

C612A-

7/20

11774

12316

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12317

7/22

12318

7/21

✓ PIP
bk 9/4

12319

7/21

12320

C612A-

7/19

11779

85/526

7/18

12321

✓
8/18

7/19

12322

7/20

12323

7/21

12324

AR Fd

NWBT

8/1

12325

bk 9/4

11785

C612A-

7/20

12326

7/19

12327

7/19

12328

12329

7/19

12330

7/20

12331

C612A-

7/18

11789

12332

7/18

✓ PIP
bk 914

12333

7/17

12334

7/18

12335

7/18

12336

C612A-

7/17

11794

85/527

7/17

12337

✓
P/p

7/17

12338

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12339

7/18

12340

11800

C612A-

7/19

12341

7/17

12342

light

7/18

12343

P/p ✓
br 9/4

7/18

12344

12345

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12346

C612A-

7/20

11808

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12348

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12349

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12350

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✓
p/e

12351

BOND

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AR Fd

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12352

C612A-

7/18

11816

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12353

p/p ✓

7/20

12354

7/20

12355

7/20

12356

11818

C612A-

7/24

12357

7/25

12358

7/24

12359

p/p ✓

bx 914

7/24

12360

12361

7/24

12362

C612A-

7/24

11822

12363

7/25

12364

7/24

✓ PP

bx 9/14

12365

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C612A-

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11830

12368

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12369

P₁₈ ✓

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C612A-

11837

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P₁₈ ✓

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12376

12377	LBNT	7/26	Fd
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12378	CG12A-	7/20	11842
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12379		7/24	
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12380		7/19	
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✓ p/p

br 9/4

12381		7/23	
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12382		7/24	
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12383	CG12A-	7/22	11844
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12384		7/22	
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✓ p/p

br 9/4

7/22

12385

thresh better

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12386

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CG12A-

11852

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12388

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12389

Pip ✓

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12390

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12391

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12392

C612A-

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11856

12394

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12395

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✓ p/r

12396

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12397

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C612A-

12398

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11863

12399

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12400

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12401

7/23

12402

☆ P/p ✓

bk 9/4

11872

7/26

12403

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12404

☆ P/p ✓

bk 9/4

7/26

12405

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12406

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12407

C612A-

11875

7/25

12408

12409

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12410

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✓
rip

12411

7/24

12412

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12413

C612A-

7/23

11884

✓
rip
bx 9/4

12414

7/22

12415

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12416

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12417

C612A-

11886

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12418

85/606

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12419

✓
1P

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12420

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12421

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12422

RU8303116

116

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12423

bx 9/4

C612A-

11892

7/26

12424

12425

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12426

7/26

✓ P/P →

bx 914

12427

7/23

12428

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12429

CG12A-

7/22

11899

12430

7/23

✓ P/P

12431

7/20

12432

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7/22 12433

11904 C612A-

7/21 12434

7/21 12435

7/20 12436

7/21 12437

7/22 12438

11907 C612A-

7/21 12439

7/21 12440

P/P
by 9/1

12441

7/20

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12443

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12444

C612A-

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11914

12445

7/18

12446

7/20

12447

7/20

12448

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HR

RV8303181

7/25

12449

bx 914

11917

C612A-

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12450

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12451

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12452

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P_h

bx 914

7/20

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12454

11924

C612A-

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12455

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12458

7/26

12459

7/25

P/p

12460

C612A-

7/23

11928

12461

7/23

12462

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12463

7/23

✓ P/p

bx 9/14

12464

7/23

11931 C612A-

85/703

7/23

12465

7/23

12466

7/23

12467

7/23

12468

P/p ✓

7/23

12469

11936 C612A-

7/17

12470

7/17

12471

7/17

12472

P/p
bk 9/14 ✓

12473

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12474

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12475

LEAH

8/1

35

bx 9/4

Orange leaves

12476

C612A-

7/20

11943

12477

7/20

✓ p10

bx 9/4

12478

7/20

12479

7/22

12480

7/22

C612A-

11950

85/528

7/20

12481

7/22

12482

P/p

7/22

12483

7/21

12484

7/20

12485

C612A-

11953

85/608

7/25

12486

7/24

12487

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12488

12489

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✓
Pip

12490

7/24

C612A-

12491

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11959

12492

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12493

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✓ Pip

12494

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12495

7/20

C612A-

12496

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11963

$7/25$

12497

 $7/25$

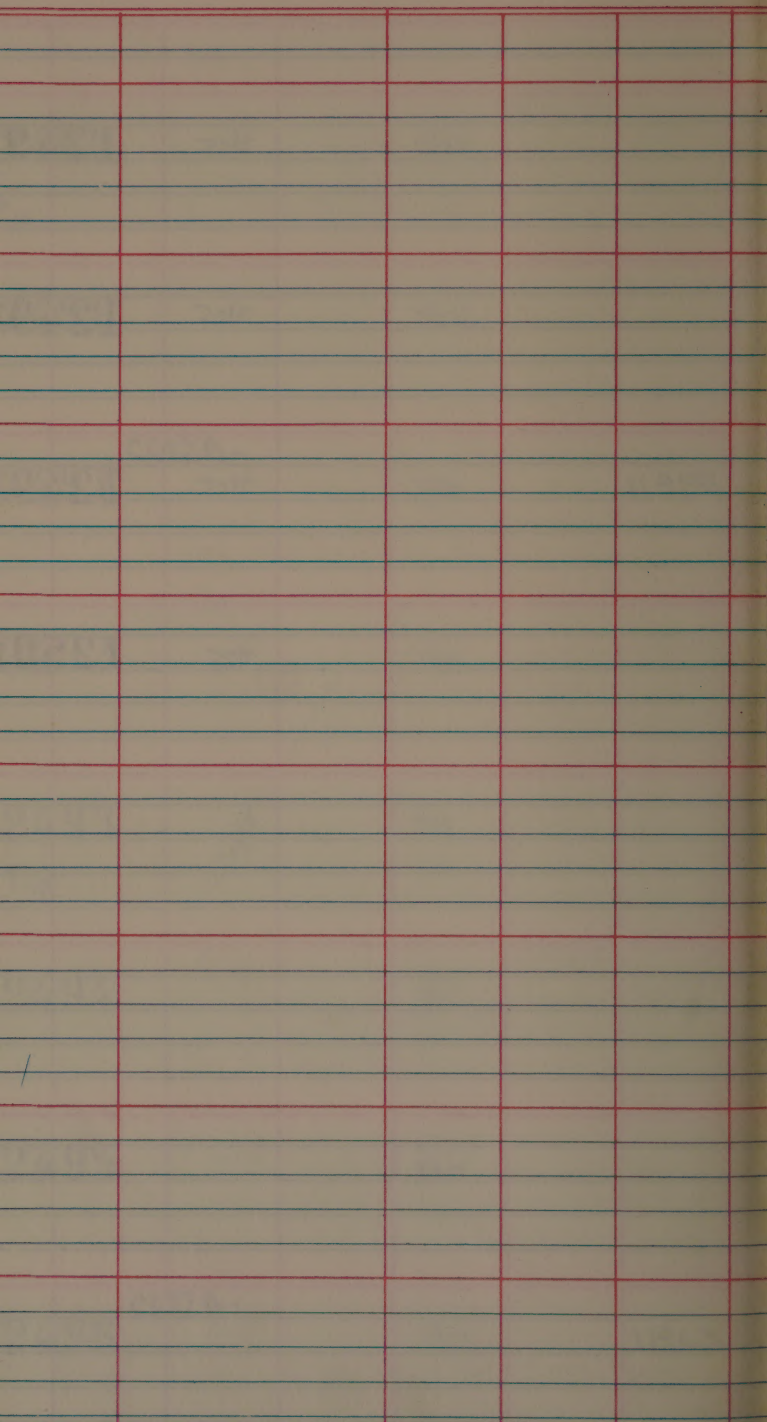
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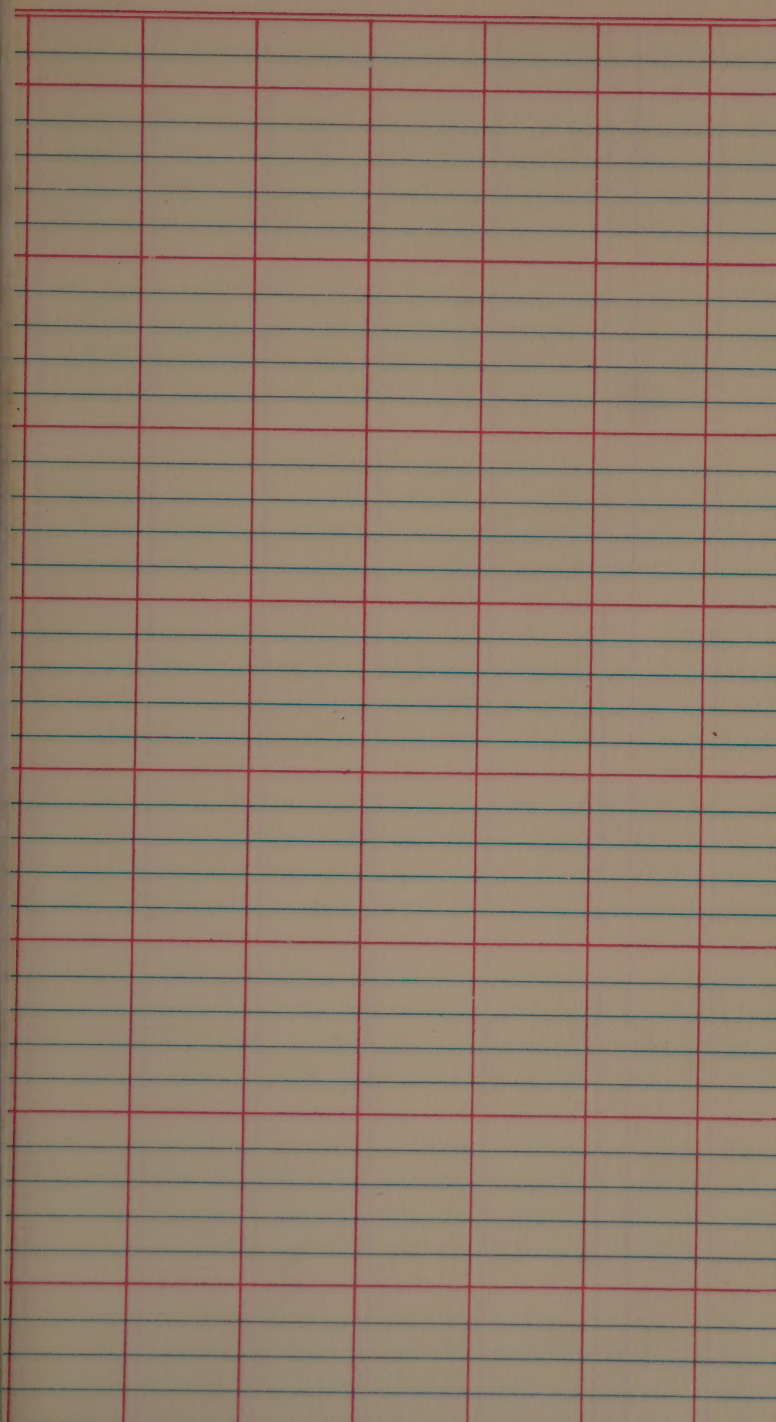
 $7/25$

12499

 $7/25$

12500





$$C615A = 9881/331581//7701074$$

$$B826A2 = LEAH/8003050 * 2$$

$$B8220A1 = KCAI/LEAH * 2$$

$$B841A = 29LU//LBNT/315650 * F_1/3/ELBL$$

$$B842A = VSTA/LBNT//LMNT * F_1/3/ELBL$$

$$B843A = VSTA/LBNT//BLMT * F_1/3/ELBL$$

$$B844A = LEAH/LMNT * F_1//NWRX * F_1/3/ELBL$$

$$B845A = LBLE-X2-2/BJ-1 * F_1//LMNT/3/ELBL$$

$$B846A = EBL//29LU/8003050 * F_1$$

$$B847A = EBL//KCAI/8003050 * F_1$$

$$B849A = 8303116/LMNT$$

8303116 11353

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

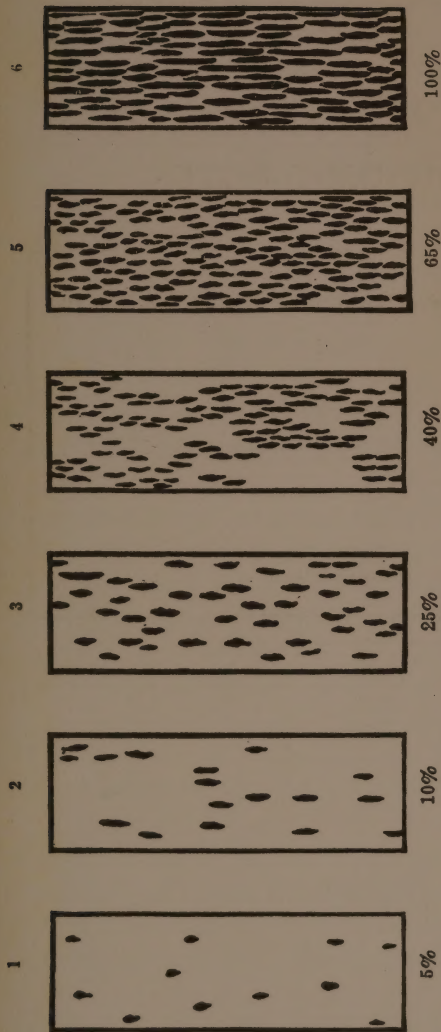
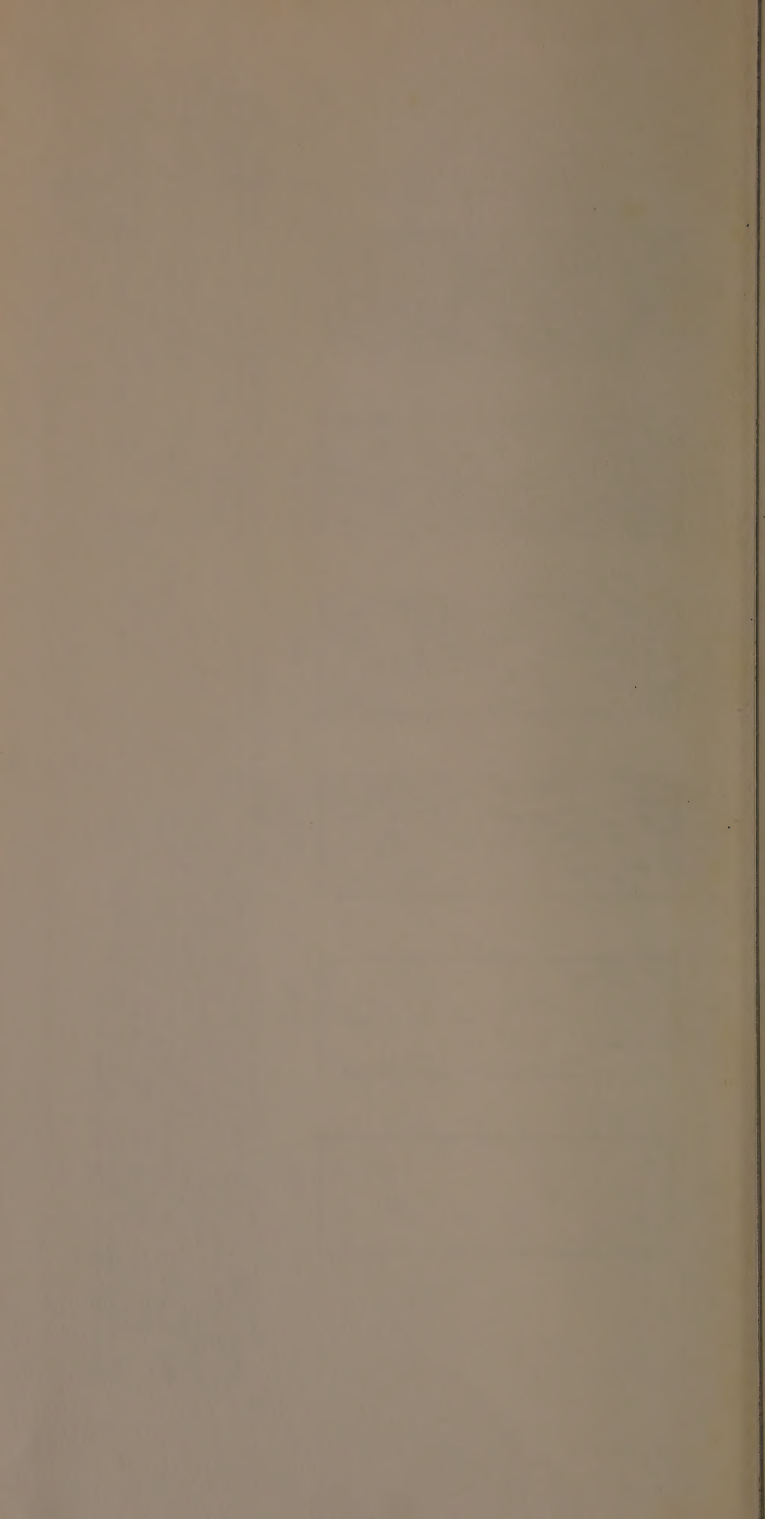
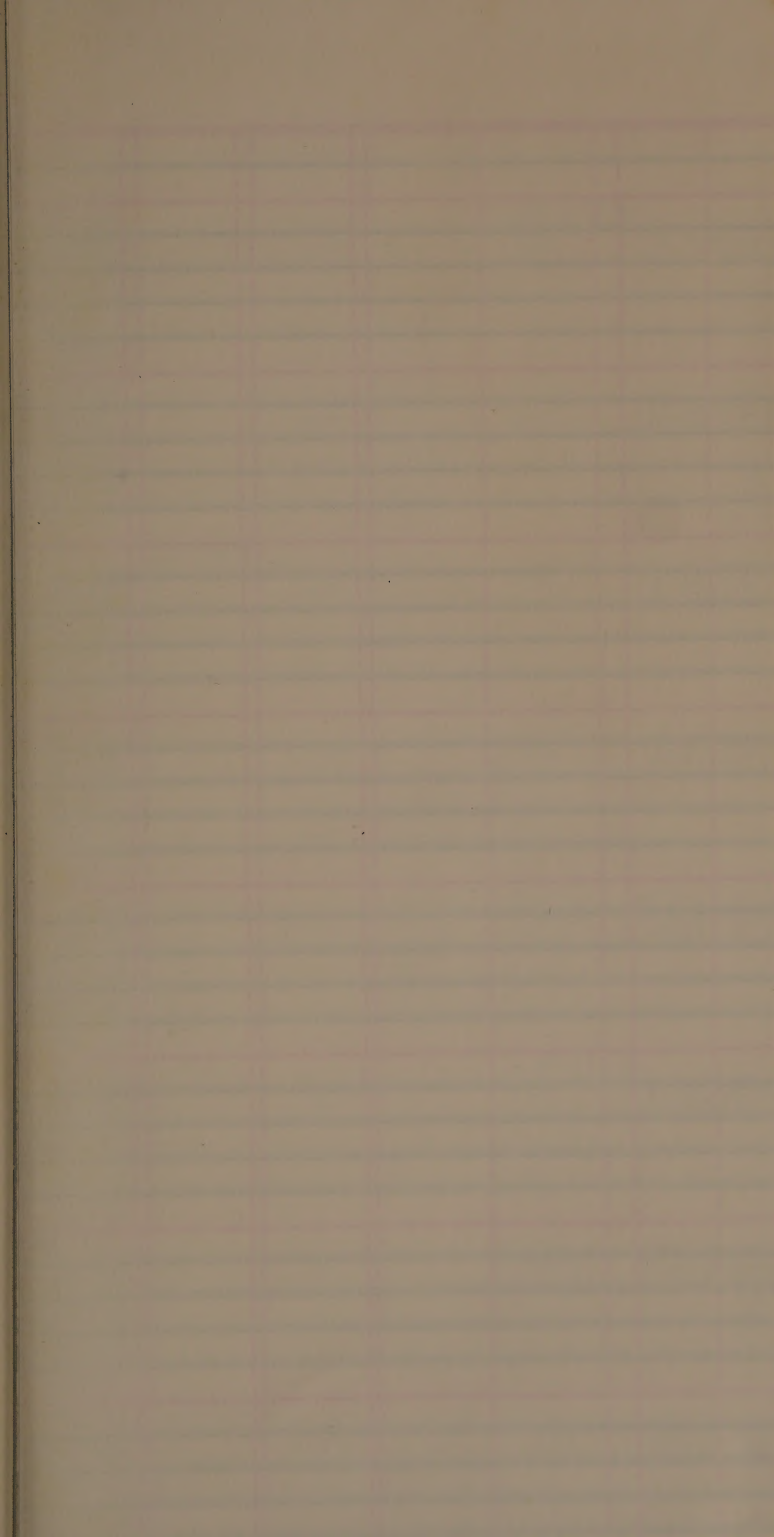


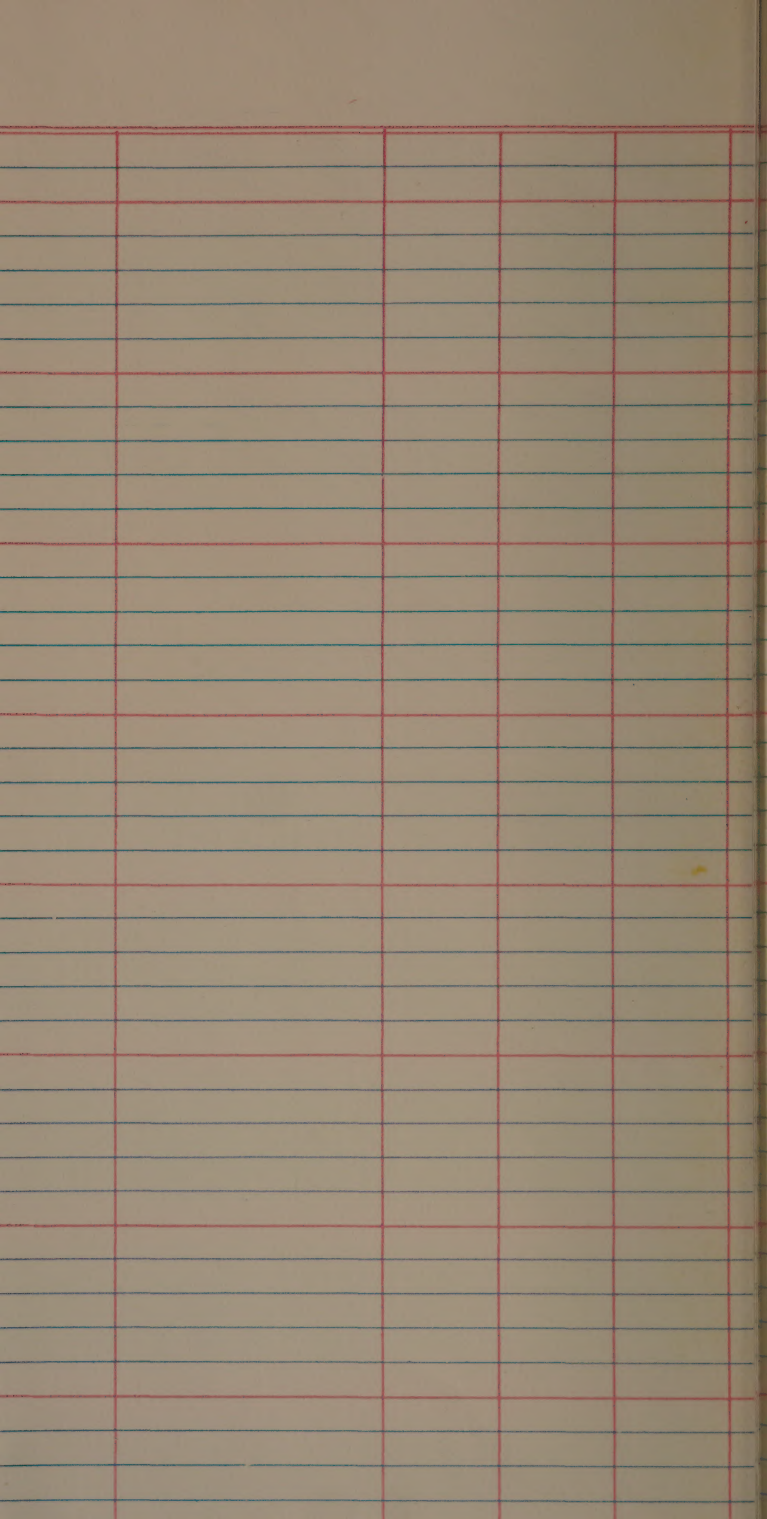
Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

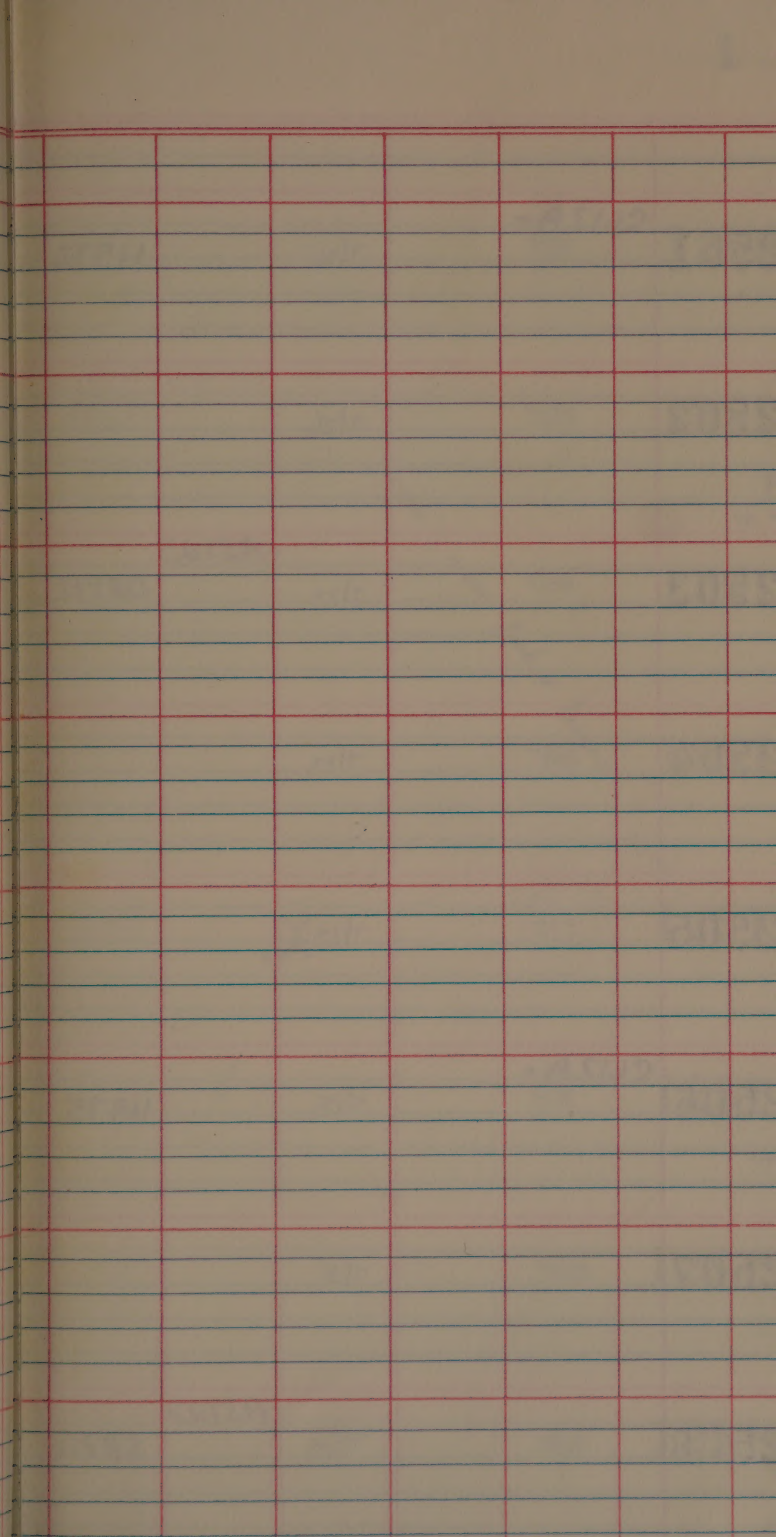
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.









12501	C612A-	7/26	11972
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12502		7/26	
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12503		7/23	
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12504		7/23	
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12505		7/23	
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12506	C612A-	7/18	11975
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12507		7/18	
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12508		7/20	
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7/19

12509

7/19

12510

✓
p

br 9/6

C612A-

11980

7/20

12511

7/20

12512

7/19

12513

light

7/19

12514

✓
p

7/20

12515

C612A-

11982

7/21

12516

12517

7/20

12518

7/22

12519

7/23

12520

7/22

12521

C612A-

7/20

11990

12522

7/19

12523

7/21

12524

7/20

7/22

12525

CB

CB 801

8/3

12526

C612A-

11993

85/529

7/21

12527

7/23

12528

7/22

12529

7/21

12530

7/22

12531

rip

C612A-

11996

7/16

12532

12533

7/17

12534

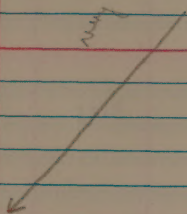
✓
P18

very early / long
br 9/6

7/16

12535

7/16



12536

7/17

C612A-BK6-4-1

12537

7/20

12004

12538

-2

7/20

12539

-3

7/20

12540

-4

7/20

-5

7/21

12541

1/p

bx 9/6

C612A-BK₆-6-1

12006

7/25

12542

-2

7/24

12543

-3

7/24

12544

-4

7/23

12545

-5

7/24

12546

C612A-BK₆-9-

12009

7/23

12547

7/23

12548

12549

7/24

12550

7/24

✓ P/p

bx 9/6

12551

7/24

12552

Toro 2

8/1

53

bx 9/6

12553

C612A-BK6-11-

7/23

12011

12554

✓ P/p

7/23

12555

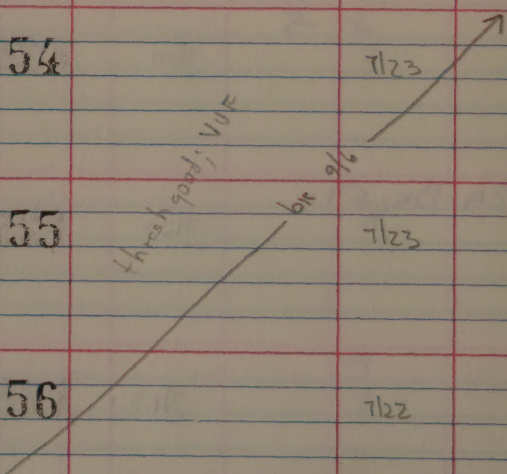
thresh good; VDK

bx 9/6

7/23

12556

7/22



7/21

12557

12014

C612A-BK6-14-

7/23

12558

7/24

12559

7/23

12560

7/23

12561

✓
P/p

7/22

12562

12018

C612A-BK6-18-

7/21

12563

7/21

12564

P/p

12565

7/23

12566

7/22

12567

7/22

12568

C612A-BK6-20-

7/21

12020

12569

7/21

12570

7/23

12571

7/22

12572

7/19

✓ P18
think ok; shut off

NWRX

Fd

7/30

12573

bx 9/6

C612A-BK₆-24-

12024

7/22

12574

7/23

12575

7/23

12576

7/23

12577

△

Vp

bx 9/6

7/23

12578

C612A-BK₆-26-

12027

7/20

12579

7/21

12580

12581

7/20

✓
P/p
br 9/6

12582

7/21

thru good

12583

7/23

12584

C612A-BK6-31-

7/24

12032

12585

7/23

12586

7/22

12587

7/20

✓
P/p
br 9/6

12588

7/21

12043

CG12A-BK₆-42-

7/20

12589

7/20

12590

7/20

12591

7/18

12592

Pip ✓

7/19

12593

12046

CG12A-BK₆-45-

7/25

12594

Pip ✓

7/25

12595

7/22

12596

Seeded: 5/8/85

12597

7/25

12598

7/20

12599

LBLE-X2-1

7/23

4981

12600

LBLE-X2-2

7/26

3800

12601

C612A-BK₆-49-

7/25

12051

12602

7/25

12603

7/24

12604

7/25

7/23

12605

C612A-BK₆-53-

12055

7/21

12606

7/19

12607

7/20

12608

bx 9/6

7/21

12609

7/20

12610

C612A-BK₆-55-

12057

7/22

12611

7/23

12612

12613

7/24

12614

7/24

12615

7/23

12616

C612A-BK6-57-

7/24

12059

✓
MP
12617

7/24

12618

7/24

12619

7/25

12620

7/25

12062

C612A-Bk₆-60-

7/20

12621

P/p

7/19

12622

7/19

12623

7/22

12624

7/26

12625

16546

RU8403113

thresh good

7/20

12626

12067

C612A-

7/23

12627

7/25

12628

12629

7/25

12630

threshold

7/25

12631

7/25

✓
pip
bx 9/6

12632

C612A-BK6-66-

7/22

12070

12633

7/24

12634

7/25

✓
pip
bx 9/6

12635

7/24

12636

7/24

12072 C612A-Bk₆-68-

7/23

12637

7/23

12638

p/p

7/23

12639

7/23

12640

7/23

12641

12079 C612A-Bk₆-74-

7/22

12642

7/20

12643

7/21

12644

12645

7/22

12646

7/20

12647

C612A-BK6-TT-

7/20

12082

12648

7/22

12649

7/23

12650

7/23

12651

7/20

12652

RU8003050

7/31

52

12085	C612A-Bk ₆ -80-	7/25	12653
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		7/22	12654
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12086	C612A-Bk ₆ -81-	7/25	12655
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		7/21	12656
			flp [✓]

		7/25	12657
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12087	C612A-Bk ₆ -82-	7/24	12658
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		7/23	12659
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		7/24	12660
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12661	7/23		
12662	7/24		
12663	C612A-Bk ₆ -85- 7/19		12090
12664	7/22		
12665	7/22		
12666	7/22		
12667	7/23		
12668	C612A-Bk ₆ -87- 7/26		12092

7/27

12669

7/25

12670

7/27

12671

7/27

12672

HR

RU8003005

7/23

12673

12100

CG12A-BK₆-95-

7/23

12674

7/23

12675

7/23

12676

12677	7/21	
12678	7/23	
12679	C612A-Bk ₆ -96- 7/24	12101
12680	7/25	
12681	7/25 rip	
12682	7/25	
12683	7/24	
12684	C612A-Bk ₆ -106- 7/25	12111

7/23

12685

p/p ✓

7/24

12686

x/24

7/25

12687

7/25

12688

CG12A-BK6-119-

12124

7/24

12689

7/24

12690

light

7/25

12691

7/23

12692

12693

7/24

12694

C612A-BK₆-120-

7/23

12126

12695

7/23

12696

7/23

12697

7/23

12698

7/23

12699

C612A-BK₆-130-

7/26

12136

12700

7/28

7/27

12701

7/27

12702

7/24

12703

12137

C612A-BK₆-131-

7/20

12704

8/10
bk 9/16

7/20

12705

7/20

12706

thresh
OK

7/19

12707

7/20

12708

C612A-Bk₆-133-

12709

7/20

12139

12710

7/20

12711

7/20

✓
PP
bk 9/6

OK
XHPST

12712

7/21

12713

7/21

C612A-Bk₆-134-

12714

7/18

12140

85/105

12715

7/19

12716

7/19

7/18

12717

7/20

12718

CG12A-BK6-135-

12141

7/24

12719

7/25

12720

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12721

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12722

7/25

12723

RU8403144

144

7/27

12724

C612A-Bx₆-138-

112725

7/20

12144

112726

7/19

112727

7/22

112728

7/21

112729

7/22

C612A-Bx₆-140-

112730

7/25

12146

✓ PIP

bx 916

112731

7/23

112732

7/25

7/25

12733

7/23

12734

CG12A-BK6-145-

12152

7/23

12735

85/106

7/17

12736

7/23

12737

7/20

12738

7/22

12739

P/P ✓

CG12A-BK6-148-

12155

7/19

12740

P/P ✓

P/P

12741

7/19

12742

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12743

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12744

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12745

C612A-BK6-153-

7/23

12160

12746

7/23

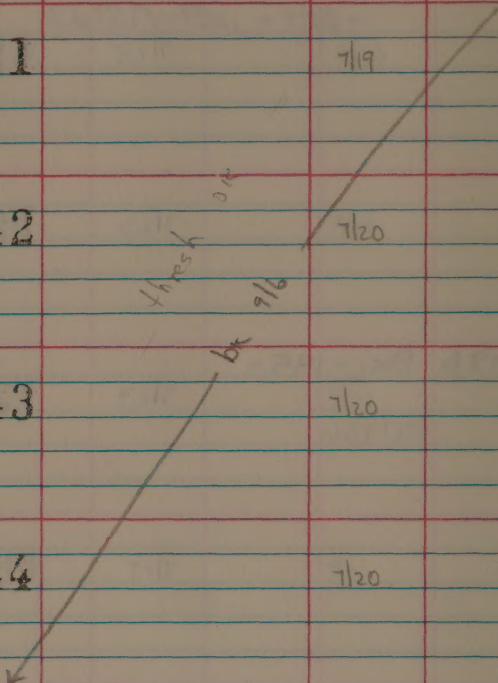
12747

7/23

12748

7/23

thresh ok
7/6
bx



✓
- PIP
bx 9/6

7/23

12749

ELBL

5775

7/11

12750

CG12A-

12169

7/25

12751

7/25

12752

Thresh
OK ?

7/25

12753

☆ ✓
P/P

bx 7/6

7/25

12754

7/25

12755

CG12A-

12172

7/25

12756

12757

7/25

12758

7/25

12759

7/25

12760

7/25

12761

C612A-BK₆-181-1

7/25

12195

12762

-2
7/24

12763

-3
7/23

12764

-4
7/24

-5

7/23

12765

C612A-Bx₆-184-1

12198

7/23

12766

-2

7/21

12767

-3

7/23

12768

-4

7/20

12769

-5

7/22

12770

4960

PI 408449

12771

C611A-Bx-6-2-2-1-1

13401

7/22

12772

9881/331581 // L-201

12773

-2

7/22

12774

-3

7/22

✓
P/p

bx 9/6

12775

-4

7/22

12776

-5

7/22

12777

C611A-BK-6-3-2-3-1

7/24

13408

85/732

12778

-2

7/24

12779

-3

7/24

12780

-4

7/24

-5

7/24

12781

P/p ✓

C611A-BK-12-2-2-3-1

13413

7/26

12782

-2

7/26

12783

-3

7/26

12784

P/p ✓

-4

7/26

12785

-5

7/26

12786

C611A-BK-17-1-4-4-1

13419

7/26

12787

85/133

-2

7/25

12788

12789

-3

7/26

12790

thin stage?

-4

7/25

12791

-5

7/26

12792

C611A-Bis-17-3-2-4-1

7/26

13424

12793

-2

7/27

12794

-3

7/27

✓ p/p

12795

-4

7/26

12796

-5

7/27

C611A-Bk-20-2-1-4-1

13430

7/24

12797

85/827

-2

7/24

12798

-3

7/24

12799

-4

7/24

12800

p/p ✓

-5

7/26

12801

C611A-Bk-21-5-2-1-1

13432

7/26

12802

-2

7/26

12803

-3

7/26

12804

12805

7/25

-4

12806

7/26

-5

12807

CGIA-BK-22-3-3-1-

7/26

13437

12808

7/26

12809

7/26

bx 9/6

good stuff; VUF

12810

7/27

12811

7/26

12812

CGIA-BK-26-2-3-4-

7/28

13445

85/941

7/28

12813

7/28

12814

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12815

7/28

12816

C611A-Bk-26-2-5-2-

13448

7/29

12817

7/28

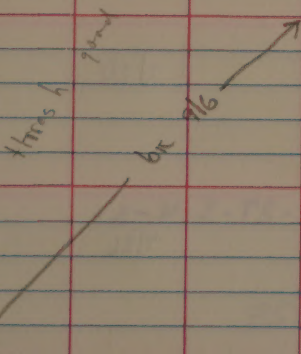
12818

7/28

12819

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12820



12821

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12822

CG11A-Bk-26-5-3-3-

7/27

13455

12823

7/25

12824

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12825

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12826

7/26

12827

L-201

7/20

10952

bxc 9/6

12828

CG11A-Bk-27-3-4-3-

7/26

13460

85/828

7/25

12829

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12830

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12831

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12832

C611A-BK-28-1-5-2-

13464

7/19

12833

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12834

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12835

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12836

12837

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12838

C611A-Bk-28-3-4-2-

7/21

13469

85/622

12839

7/21

12840

7/21

12841

7/20

12842

7/21

12843

C611A-Bk-28-5-4-4-

7/20

13476

12844

7/20

7/19

12845

7/20

12846

7/20

12847

C611A-Bk. 30-1-4-1-

13479

7/26

12848

7/27

12849

7/27

12850

7/27

12851

7/27

12852

	RU 7703008		
12853		7/28	3627
	bx 9/6		
	C611A - Bk - 30 - 2 - 1 - 4 -		
12854	85/900	7/27	13487
12855		7/26	
12856		7/27	
12857		7/28	
12858		7/27	
	C611A - Bk - 38 - 4 - 1 - 3 -		
12859		7/24	13491
12860		7/25	

7/24

12861

7/23

12862

7/21

12863

CG11A-BK-38-5-5-3-

13496

7/20

12864

85/623

7/21

12865

7/20

12866

7/22

12867

7/22

12868

W. J. Sanson (Co.)

12869	C611A-BK-42-1-2-3-	7/19		13501
	85/829			
12870		7/22		
12871		7/23		
12872		7/23		
12873		7/24		
12874	LBLE	7/20		Ed
	bxc 9/6			
12875	C611A-BK-42-2-2-3-	7/20		13506
	85/734			
12876		7/20		

7/22

12877

7/20

12878

7/20

12879

C611A-Bx-48-5-4-1-

13509

7/21

12880

bx 9/6

7/22

12881

7/23

12882

7/25

12883

7/22

12884

12885	C611A-Bk-49-2-3-5-	7/25	13518
	85/735		
12886		7/26	
12887		7/25	
12888		7/26	
12889		7/25	
12890	C611A-Bk-49-5-4-1-	7/27	13519
12891		7/26	
12892		7/26	

7/27 12893

7/27 12894

13526 C611A-BK-54-5-1-2-

7/26 12895

85/830

7/26 12896

7/26 12897

7/26 12898

7/26 12899

13530 C611A-BK-60-5-5-1-

7/21 12900

85/624

12901

7/19

12902

7/18

12903

7/21

12904

7/21

12905

C611A-BK-63-3-5-

-3-5-

7/17

13539

85/566

12906

7/17

12907

7/17

12908

7/17

7/17

12909

C611A-Bx-63-4-2-3-

13542

7/19

12910

85/625

7/19

12911

7/20

12912

much better than 12905-09

7/19

12913

7/17

12914

C611A-Bx-64-1-1-5-

13549

7/20

12915

7/20

12916

12917

7/19

12918

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12919

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12920

C611A-Bx-64-4-1-2-

7/18

13552

12921

7/19

12922

7/22

12923

7/19

12924

7/19

TBNT

AR Fd

7/25

12925

bx 916

C611A-BK-64-4-2-4-

13559

7/19

12926

85/626

7/19

12927

7/19

12928

7/18

12929

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12930

C611A-BK-66-1-3-2-

13562

7/25

12931

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12932

12933

7/26

12934

7/26

12935

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12936

C611A-BK-66-5-3-5-

7/25

13570

85/831

12937

7/25

12938

7/25

12939

7/25

12940

7/25

C611A-BK-67-2-2-2-

13572

7/25

12941

85/730

7/25

12942

12946-50

7/25

12943

better than

7/25

12944

7/25

12945

C611A-BK-67-5-1-3-

13579

7/25

12946

85/832

7/25

12947

7/25

12948

12949

7/25

12950

7/25

12951

SKBT

7/24

Fd

bx 9/6

12952

C611A-BK-85-3-4-3-

7/25

13584

12953

7/24

12954

7/24

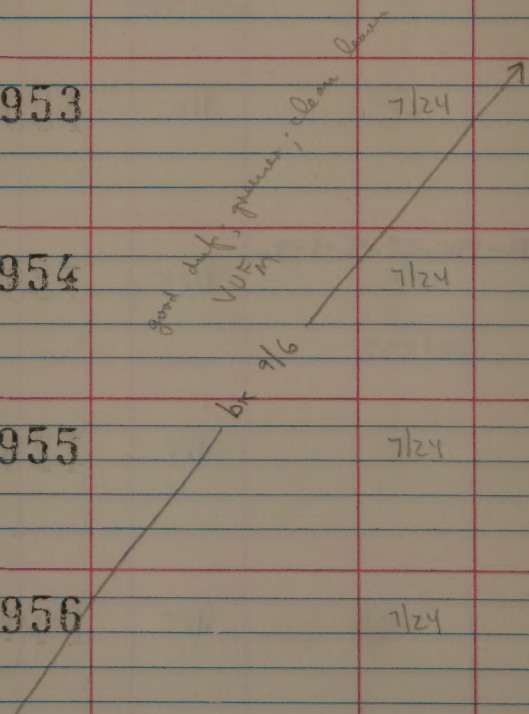
12955

7/24

12956

7/24

good def; gress; clear down
VDFM
bx 9/6



C611A-Bk-94-3-2-4-

13590

7/24

12957

7/23

12958

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12959

7/24

12960

7/23

12961

C611A-Bk-94-4-3-4-

13595

7/22

12962

7/22

12963

7/22

12964

info
 dug; VOF
 thresh good
 bk 9/6

12965

7/22

12966

7/22

12967

CG11A-Bx-94-5-2-1-

7/22

13597

12968

7/22

12969

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12970

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12971

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12972

CG11A-1-2-1-2-

7/28

13603

7/28

12973

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12974

7/28

12975

7/24

12976

Fd

LMNT

8/1

12977

13609

C611A-1-2-4-3-

7/25

12978

85/737

7/25

12979

7/25

12980

12981

7/25

12982

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12983

C611A-1-4-3-5-

7/20

13616

12984

7/21

12985

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7/20

12986

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12987

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12988

C611A-4-3-5-2-

7/19

13618

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12989

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12990

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12991

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12992

13624

C611A-4-5-4-3-

7/24

12993

7/21

12994

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12995

7/25

12996

12997

7/21

12998

C611A-6-2-2-2-

7/21

13629

85/738

12999

7/22

13000

7/23

br 9/6

13001

7/24

13002

7/24

13003

C611A-6-3-3-2-

7/25

13634

13004

7/25

7/24

13005

7/27

13006

7/25

13007

C611A-9-4-4-4-

13641

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13008

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13009

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13010

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13011

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13012

more def evidence, of this?

C611A-17-1-2-2-

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13644

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C611A-17-1-4-2-

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13649

13019

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13020

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R08303046

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13023

b1c 9/6

13654

C611A-17-5-3-1-

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C611A-23-3-4-3-

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C611A-25-5-4-3-

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13671

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C611A-26-1-3-3-

13677

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13039

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13040

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13041

box 9/6

7/19

13042

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13043

C611A-26-5-4-4-

13683

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13044

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13046

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13047

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13048

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13049

RV8303169

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32

bx 9/6

13050

C611A-27-3-2-4-

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13688

13051

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13052

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Post print; 2nd X

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13053

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13054

CG11A-27-5-2-2-

13691

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13055

85/902

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13056

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13057

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13058

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13059

CG11A-29-4-2-3-

13697

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13061

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13062

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C611A-30-2-1-2-

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13701

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C611A-30-5-3-4-

13708

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13070

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13071

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13072

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13073

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13074

LBNT

Fd

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bks 9/6

C611A-31-2-2-4-

13713

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13076

85/740

13077

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13078

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13079

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13080

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13081

C611A-31-5-4-4-

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13718

13082

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13083

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13084

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C611A-36-1-5-3-

13722

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13086

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13088

no file

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13090

C611A-36-3-3-4-

13729

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13091

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13092

13093

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bK 9/6

good, green, nut;
very light

13094

7/27

13095

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13096

C611A-36-3-4-4-

7/27

13734

13097

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13098

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good shape, dark green leaves,
check OK?
VUP
bK 9/6

13099

7/28

13100

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C611A-37-3-5-5-

13740

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13101

85/833

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13102

Defy; mud Co. oil reservoir, ^{out}
 looks production

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13103

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13104

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13105

C611A-37-5-5-5-

13745

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13106

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13107

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13108

13109

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13110

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13111

CG11A-39-5-4-4-

7/25

13749

13112

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13113

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13114

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13115

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13116

CG11A-40-1-3-4-

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13755

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C611A-40-5-3-5-

13761

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13121

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13122

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13123

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13124

13125

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BOND

13126

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AR Fd

bx 9/6

C611A-43-3-3-4-

13127

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13765

13128

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13129

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13130

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13131

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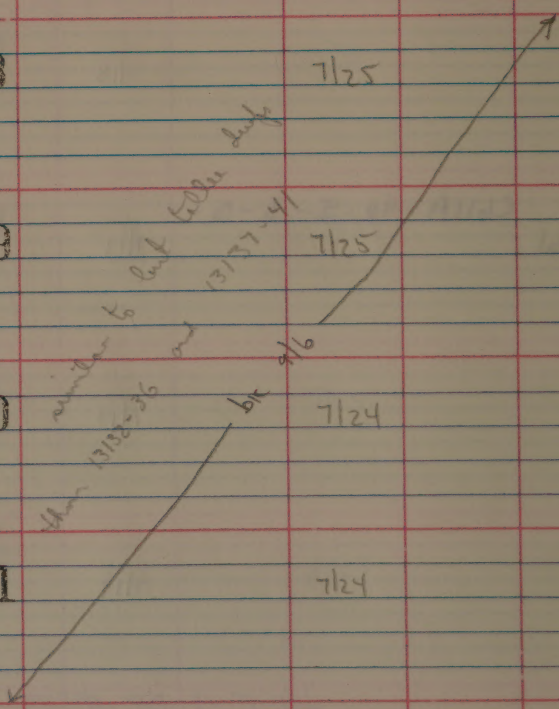
13132

7/25

13766

similar to but better dup
than 13130-36 and 13137-41

bx 9/6



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13133

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13134

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13135

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13136

C611A-43-4-4-1-

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13137

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13140

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13142

C611A-49-1-4-5-

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13776

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13143

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C611A-49-2-1-3-

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13780

13148

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13149

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13150

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13151

353

BBLE

7/27

13152

bx 9/6

C611A-49-2-5-1-

13783

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13153

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13154

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13155

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13156

bx 9/6

13157

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C611A-49-2-5-5-

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13787

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C611A-49-3-5-3-

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13790

85/628

13164

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13165

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13166

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13167

13797

C611A-49-4-5-5-

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13168

85/567

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13171

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13172

13173	RV8003009	7/25	HR
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bx 9/6

13174	C611A-49-5-5-3-	7/19	13800
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85/629

13175		7/20	
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13176		7/19	
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13177		7/19	
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13178		7/21	
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13179	C611A-50-1-3-1-	7/26	13803
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13180		7/26	
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C611A-50-2-3-3-

13810

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13189	C611A-52-3-5-4-	7/26	13827
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85/742

13190		7/26	
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13191		7/26	
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13192		7/26	
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13193		7/22	
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13194	C611A-54-1-1-2-	7/19	13830
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85/568

13195		7/22	
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13196		7/18	
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Seeded: 5/9/85

44

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13197

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13198

3175

DLLA

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13199

bx 9/6

11475

CP231

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13200

bx 9/6

13837

C611A-54-4-3-4-

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13201

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13202

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C611A-56-5-3-2-

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C611A-58-1-4-3-

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13846

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13215

CG11A-58-2-2-4-

13852

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13216

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13220

C611A-58-5-4-4-

13221

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13857

13222

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13223

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13224

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13225

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13226

LEAH

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bx 916

13227

C611A-B1c6-1-

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13860

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13229

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13231

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C611A-Bx₆-6-

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C611A-BK₆-9-

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C611A-BK₆-10-

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13873

C611A-Bx₆-14-

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por. weight?

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13251

border

BLPT

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13252

bx 9/6

CG11A-BK₆-23-

13253

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13882

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13255

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13256

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bx 9/6

13257

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CG11A-BK₆-25-

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13884

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13260

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13885

C611A-BK₆-26-

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13264

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13265

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13267

13888

C611A-BK₆-29-

7/25

13268

85/904

13269

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13272

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13273

C611A-BK₆-30-

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13889

13274

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bx 9/6

13275

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13276

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7/28 13277

CICA-6

168

13278

bx 9/6

13894 C611A-BK₆-35-

7/28 13279

7/29 13280

7/28 13281

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7/27 13283

13898 C611A-BK₆-39-

7/22 13284

13285

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13286

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C611A-BK₆-41-

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13900

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rose pet. change

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C611A-Bk₆-46-

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13907

C611A-Bk₆-48-

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13299

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13300

13301

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13302

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13303

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13304

C611A-BK₆-53-

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bn 9/6

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C611A-BK6-54-

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bk 9/6

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C611A-BK6-57-

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C611A-BK₆-59-

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13321

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13322

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13323

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13324

NWBT

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AR Fd

bx 9/6

13919 C611A-BK₆-60-

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13325

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13921 C611A-BK₆-62-

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b8 9/6

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C611A-BK₆-67-

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13337

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bx 916

new only

13338

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C611A-BK₆-TG-

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13341

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C611A-Bx₆-81-

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13346

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13347

bx 9/6

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13348

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13350

LMNT

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Fd

br 9/6

13351

C611A-BK₆-82-

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C611A-BK₆-85-

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13359

bk 9/6

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C611A-Bx₆-86-

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13364

sent to me

13365

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13366

C611A-BK₆-89-

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85/942

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13951

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13373

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13374

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13375

CB

CB-801

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13376

bk 916

13956

C611A-Bk₆-95-

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C611A-BK₆-96-

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13957

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13383

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13387

C611A-BK₆-99-

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13960

13388

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BK 9/6

7/23 13389

7/23 13390

7/23 13391

13962 C611A-B₆-101- 7/27 13392

7/27 13393

7/27 13394

7/27 13395

7/27 13396

poor

Seeded:

13397	C611A-Bk ₆ -104-	7/21	13965
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13398		7/19	
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13399		7/19	
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13400		7/21	
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13401		7/23	
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13402	C611A-Bk ₆ -105-	7/25	13966
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13403		7/22	
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13404		7/24	
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C611A-B₆-107-

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13407

85/838

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13409

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13410

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13411

13971

C611A-B₆-110-

7/26

13412

13413

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13414

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13416

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13417

C611A-BK₆-113-

7/27

13974

13418

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13420

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13421

13976

C611A-B₆-114-

7/27

13422

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13423

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13424

bx 9/6

7/27

13425

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13426

Fd

BLMT

7/27

13427

bx 9/6

13979

C611A-B₆-117-

7/21

13428

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13429

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13433

C611A-BK 6-118-

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13980

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13436

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13437

13983

C611A-BK₆-121-

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13439

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13440

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13441

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13442

13986

C611A-BK₆-124-

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13443

85/906

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13444

13445

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13446

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13447

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13448

C611A-BK6-132 -

7/23

13994

85/840

13449

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13450

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13451

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13452

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Fd SKBT

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13453

bx 9/6

13995 C611A-BK₆-133-1

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13454

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13455

-3 ↑

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13456

bx 9/6

-4

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13457

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13458

14000 C611A-BK₆-138-1

7/25

13459

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13460

13477

-3

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13478

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13479

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13480

C611A-BK6-177-1

7/26

14040

13481

-2

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13482

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13483

-4

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13484

-5

7/27

bx 9/6

14044	C611A-BK ₆ -181-1	7/29	13485
	-2	7/28	13486
	-3	7/24	13487
	-4	7/24	13488
	-5	7/27	13489
14056	C611A-BK ₆ -192-1	7/27	13490
	-2	7/27	13491
	-3	7/27	13492

b2 9/6

13493

-4
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13495

C611A-Bk₆-195-1

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14059

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-2
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13499

-5
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13500

C611A-Bk₆-196-1

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14060

-2

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13501

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13502

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13503

-5

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13504

14062

C611A-BK₆-198-1

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13505

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13509

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C611A-BK₆-208-

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14072

13511

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13512

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bx 9/6

13513

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13514

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13515

C611A-BK₆-222-

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14087

13516

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bx 9/6

7/23 13517

7/22 13518

7/22 13519

14089 C611A-BK-224- 7/24 13520

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RU7703008

13525

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3627

br 9/6

C611A - Br₆ - 226 -

13526

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14091

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13531

C611A - Br₆ - 239 -

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14104

13532

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13533

b1c 9/6

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13534

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13535

14105

C611A-BK₆-240-

7/21

13536

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13537

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13541	C611A-BK ₆ -246-	7/22	14111
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13542		7/23	
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13543		7/23	
bx 916			

13544		7/23	
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13545		7/23	
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13546	C611A-BK ₆ -259-	7/25	14124
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13547		7/26	
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13548		7/25	
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13549

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HR

RV8303046

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13551

bx 916

14127

C611A - BK6 - 261 -

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13557	C611A-BK ₆ -262-	7/25	14128
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13558		7/25	
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13559		7/25	
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13560		7/25	
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bx 9/6

13561		7/25	
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13562	C611A-BK ₆ -265-	7/22	14131
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13563		7/21	
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13564		7/21	
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7/23 13565

7/22 13566

14140 C611A-BK₆-274- 7/20 13567

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7/20 13570

7/20 13571

14141 C611A-BK₆-275- 7/22 13572

13573

7/21

AR Fd

13574

7/22

13575

7/21

bx 9/6

13576

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13577

TBNT

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AR Fd

bx 9/6

13578

C611A-Bk₆-282-

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14148

13579

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13580

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13581

bx 9/6

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13582

C611A-BK₆-284-

14151

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13583

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13584

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13585

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13586

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13587

C611A-BK₆-287-

14154

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13588

bx 9/6

13589

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13590

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13591

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14156

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13595

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13596

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13597

14159

C611A-BK₆-292-

7/23

13598

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13599

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13600

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13601

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13602

14161

C611A-BK₆-294-

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13603

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13604

13605

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13606

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13607

7/26

bx 9/6

13608

C611A-Bis₆-301-

7/19

14168

13609

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13610

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13611

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13612

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C611A-BK₆-304-

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13613

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13614

bk 9/6

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13617

C611A-BK₆-307-

14174

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13620

13621		7/22	
13622		7/21	
13623	LBNT	7/30	Fd
br 9/6			
13624	C611A-Bx6-310-	7/25	14178
13625		7/25	
13626		7/25	
13627		7/25	
br 9/6			
13628		7/25	

C611A-BK₆-313-

14181

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C611A-BK₆-315-

14183

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C611A-BK₆-317-

13639

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14185

13640

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13641

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13642

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13643

7/27

bx 9/6

C611A-BK₆-320-

13644

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14188

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13645

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13646

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13648

14194

C611A-BK₆-326-

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13650

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13651

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13652

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13654

C611A-BK₆-328-1

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14196

13655

-2

7/21

13656

-3

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13657

-4

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13658

-5

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13659

PI408449

4960

bx 9/6

13660

C610A-BK-5-4-1-2-1

7/23

6802

9881/331581//SKBT

85/765

7/23

13661

7/23

13662

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13663

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13664

C610A-BK-11-10-5-1-

6806

7/24

13665

7/24

13666

7/25

13667

7/24

13668

10/11 normal

13669

7/24

13670

C610A-Bx-12-2-2-5-

7/26

6815

13671

7/26

13672

7/25

bx 9/6

13673

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13674

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13675

C610A-Bx-12-8-3-2-

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6817

13676

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13677

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7/26

13678

b/c 9/6

7/24

13679

CG10A-Bk-15-2-3-3-

6823

7/28

13680

7/29

13681

7/26

13682

7/29

13683

7/26

13684

13685

C610A-BK-15-9-5-4-

7/29

85/866

6830

13686

7/27

13687

7/27

13688

tall row

7/23

13689

7/27

13690

C610A-BK-16-1-1-2-

7/26

85/868

6833

13691

7/26

13692

7/27

7/26

13693

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13694

6840

C610A-BK-16-1-4-4-

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13695

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13696

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13697

7/27

13698

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13699

C610A-BK-16-4-4-4-

6845

7/26

13700

bx 9/6

13701

7/29

13702

7/26

13703

7/26

13704

7/26

13705

C610A-BK-16-10-1-2-

7/26

6848

13706

7/26

13707

7/26

13708

7/25

7/25

13709

6856

C610A-Bx-16-10-4-4-

7/27

13710

7/26

13711

all C610A-Bx-16 lines look
more or less identical; some only
1 in 1986 great trick; all tight!

7/26

13712

7/28

13713

7/26

13714

6858

C610A-Bx-17-T-4-1-

7/25

13715

7/24

13716

13717

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13718

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13719

7/23

13720

C610A-BK-18-2-2-5-

7/25

6867

13721

7/28

13722

7/28

13723

7/27

13724

7/27

RV8303169

32

7/27

13725

bx 9/6

C610A-Bk-18-2-5-3-

6870

7/26

13726

7/26

13727

13728

7/26

13729

7/25

13730

C610A-Bk-18-10-2-1-

6874

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13731

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13732

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13734

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13735

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13736

C610A-BK-18-10-3-2-

7/24

6880

13737

7/22

13738

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13739

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13740

7/25

6886

C610A-BK-18-10-4-3-

7/26

13741

13742

13743

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13745

13746

13747

13748

all C610A-BK-18 lines look very
similar; grow only 1 - 1986 yield
9/6
BK

7/26

7/23

7/23

7/23

7/23

7/22

7/24

6889

C610A-BK-22-3-3-1-

85/671

13749

7/22

13750

7/22

13751

RU8003009

7/24

HR

bxc 9/6

13752

C610A-Brr-22-5-1-5-

7/22

6898

13753

7/25

13754

7/24

13755

7/22

13756

7/22

6902

C610A-BK-24-6-2-4-

85/869

7/22

13757

7/22

13758

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13759

7/22

13760

7/24

13761

6907

C610A-BK-27-1-2-4-

7/26

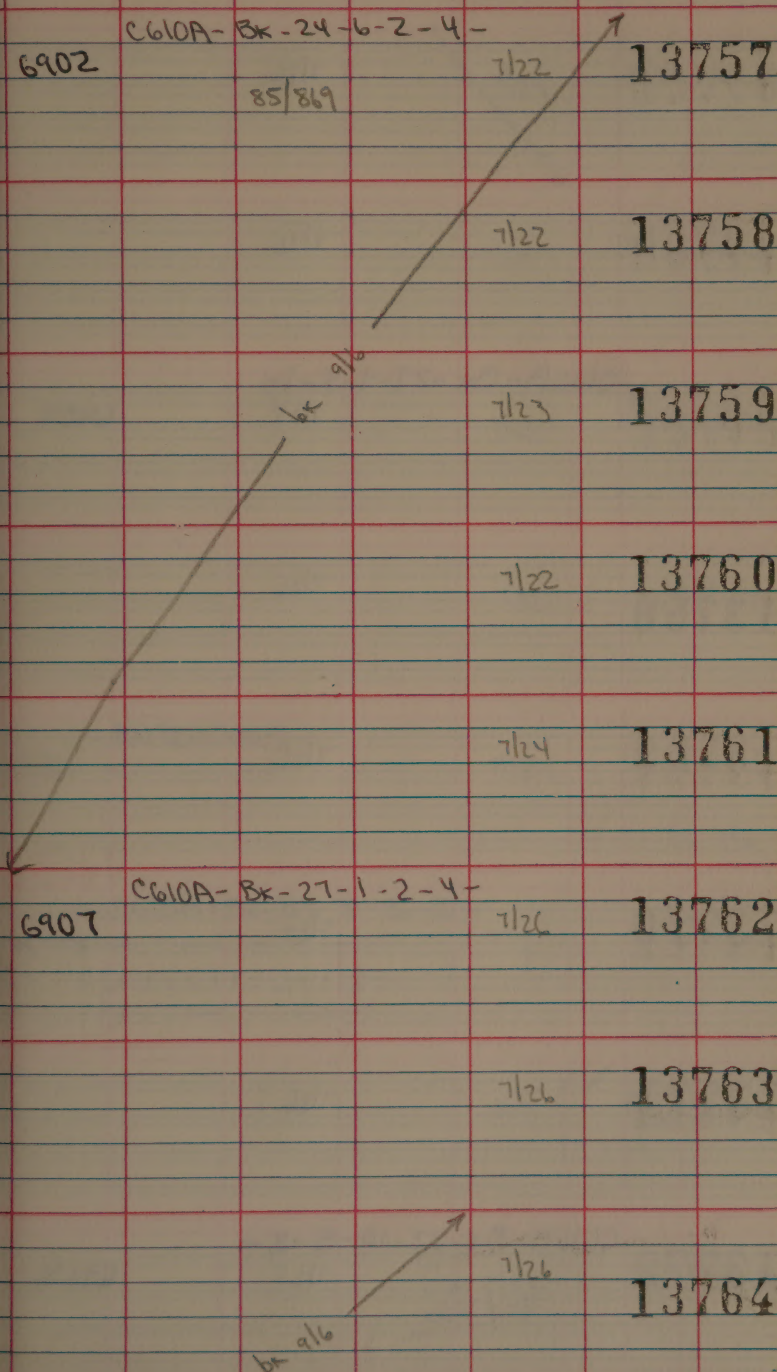
13762

7/26

13763

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13764



13765

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13766

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13767

C610A-BK-27-9-5-1-

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6909

13768

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13769

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13770

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13771

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13772

C610A-BK-32-10-5-5-

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6918

85/166

7/23

13773

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13774

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13775

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13776

HR

RU8003005

7/18

13777

bx 916

6929

C610A-BK-33-10-5-5-

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13778

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13779

7/25

13780

13781

7/25

13782

7/26

13783

CG10A-Bk-35-4-4-1-

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6930

13784

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13785

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13786

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13787

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13788

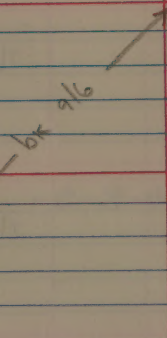
CG10A-Bk-37-5-1-4-

7/26

6938

thrust better?

bk 9/6



7/26

13789

7/26

13790

7/26

13791

7/26

13792

6943

C610A-BK-37-5-3-4-

7/27

13793

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13794

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13795

6949

C610A-BK-38-3-3-5-

7/29

13796

Seeded: 5/9/85

13797

7/27

13798

7/28

good dup

13799

7/27

bk alb

13800

7/29

13801

C610A-BK-39-9-1-2-

7/31

6952

13802

7/30

13803

7/30

later but should dup.
bk 7/6

13804

7/30

7/29

13805

6962

C610A-BK-44-3-3-2-

7/25

13806

7/25

13807

7/24

13808

bx 9/6

7/25

13809

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13810

6969

C610A-BK-46-5-2-4-

85/870

7/29

13811

bx 9/6

7/29

13812

13813

7/29

13814

7/27

13815

7/27

13816

C610A-BK-46-5-4-3-

7/28

6973

13817

7/27

13818

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13819

C610A-BK-47-9-2-3-

7/28

6979

13820

7/26

7/26

13821

bx 9/6

7/26

13822

7/26

13823

Fd

BLMT

7/26

13824

bx 9/6

6982

C610A-BK-48-1-3-1-

7/25

13825

7/25

13826

7/25

13827

6990

C610A-BK-48-1-5-4-

7/25

13828

13829

7/26

13830

7/26

thresh better?

bk 9/6

13831

C610A-BK-48-6-4-1-

7/27

6992

85/672

13832

7/27

13833

7/26

bk 9/6

thresh better?

13834

7/26

13835

7/26

13836

C610A-BK-48-10-4-2-

7/25

6998

7/25 13837

7/26 13838

7/25 13839

7/25 13840

7010 C610A - Bk-52-5-4-4-1 7/26 13841

85/872

-2
7/26 13842

bk 9/6

-3
7/29 13843

7/27 13844

13845

7/27

13846

C610A-BK-58-3-3-3-

7/28

7019

13847

7/26

13848

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13849

LMNT

7/30

Fd

bk 9/6

13850

C610A-BK-58-8-3-2-

7/26

7024

85/768

13851

7/25

13852

7/25

7/25

13853

7/25

13854

T031

C610A-BK-63-8-1-4-

7/23

13855

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13856

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13857

T035

C610A-BK-63-10-2-3-

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13858

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13859

7/25

13860

bk 9/6

13861

7/25

13862

7/25

13863

C610A-BK-64-3-2-2-

7/24

7039

13864

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13866

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13867

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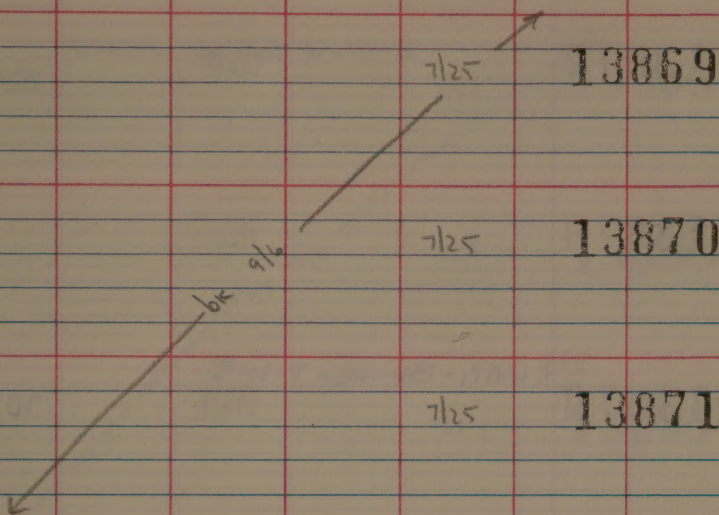
13868

C610A-BK-64-5-4-2-

7/25

7044

85/770



L-202

119

7/23 13873

bk 9/6

C610A-BK-66-1-3-5-

7052

85/771

7/26 13874

7/26 13875

change circle

7/26 13876

13877

7/26

13878

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13879

C610A-BK-66-7-1-5-

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7058

13880

7/29

13881

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13882

C610A-BK-68-2-4-5-

7/28

7063

13883

7/27

13884

7/27

T068

C610A-BK-68-6-5-5-

7/29

13885

2/6

7/29

13886

bk

7/27

13887

T071

C610A-BK-68-9-2-3-

7/29

13888

7/29

13889

7/28

13890

T077

C610A-BK-73-4-4-3-

7/27

13891

7/26

13892

13893

7/26

13894

C610A-BK-73-8-5-3-

7/26

7082

WT_T

13895

7/26

bx 9/6

13896

7/27

WT_M

13897

C610A-BK-78-2-2-5-

7/29

7089

13898

7/29

13899

7/30

13900

7/31

8/1

13901

7094

CG10A-Bk-80-8-4-5-

7/29

13902

7/28

13903

7/28

13904

7/27

13905

bk 9/6

7/26

13906

7095

CG10A-1-3-3-1-

7/27

13907

7/27

13908

13909

7/27

13910

Spilled deep
tight

bx 9/6

7/26

13911

7/28

13912

C610A-4-2-3-4-

7/27

7103

13913

7/27

13914

7/27

13915

7/26

13916

7/26

7105

C610A-5-6-2-1-

7125

13917

7125

13918

7126

13919

7126

13920

7126

13921

7110

C610A-8-1-3-1-

7125

13922

7125

13923

7125

13924

13925

7/26

13926

7/26

BOND

13927

7/22

AR Fd

bx 9/6

13928

C610A-8-2-2-4-

7/26

7/18

13929

7/26

13930

7/26

13931

C610A-8-7-1-4-

7/23

7/29

13932

7/23

7124 13933

7135 C610A-8-9-1-5-

7126 13934

7126 13935

7127 13936

7139 C610A-8-9-3-4-

7125 13937

7126 13938

7125 13939

7143 C610A-8-10-3-3-

7123 13940

13941

7/24

bx 9/6

13942

7/24

13943

C610A-10-3-2-4-

7/27

7149

13944

7/27

13945

7/27

13946

7/27

13947

7/26

13948

C610A-10-5-2-2-

7/27

7153

bx 9/6

7/29

13949

7/27

13950

7/26

13951

7/26

13952

Fd

SKBT

7/24

13953

b/c 9/6

7/61

C610A-13-2-1-5-

7/22

13954

7/23

13955

7/23

13956

13957

7/23

bK 9/6

13958

7/24

13959

C610A-13-5-3-1-

7/24

7162

13960

7/26

13961

bK

9/6

7/27

13962

7/26

13963

7/26

13964

C610A-16-2-3-5-

7/23

7171

7/26

13965

7/25

13966

bx 9/6

7177

C610A-16-4-1-5-

7/23

13967

7/25

13968

7/23

13969

7180

C610A-16-4-5-3-

7/26

13970

7/23

13971

7/24

13972

13973	RV8303116	7/22	116
b/c 9/6			
13974	C610A-16-5-4-2- 85/772	7/26	7184
13975		7/26	
13976		7/25	
13977		7/26	
13978		7/26	
13979	C610A-16-8-1-4-	7/26	7191
13980		7/29	

7/26 13981

7194 C610A-16-8-4-2- 7/26 13982

7/26 13983

7/26 13984

7200 C610A-19-3-2-3- 7/27 13985
85/873

7/27 13986

7/27 13987

7/28 13988

Use this in place of
873 in 1986 field book.
bx 9/6

13989

fall row

7/26

13990

C610A-19-6-3-4-

7/26

7206

13991

7/26

13992

7/26

13993

C610A-19-9-4-3-

7/26

7210

13994

7/26

13995

7/26

13996

C610A-19-9-5-4-

7/26

7216

7/29

13997

7/30

13998

1228

C610A-21-2-3-5-

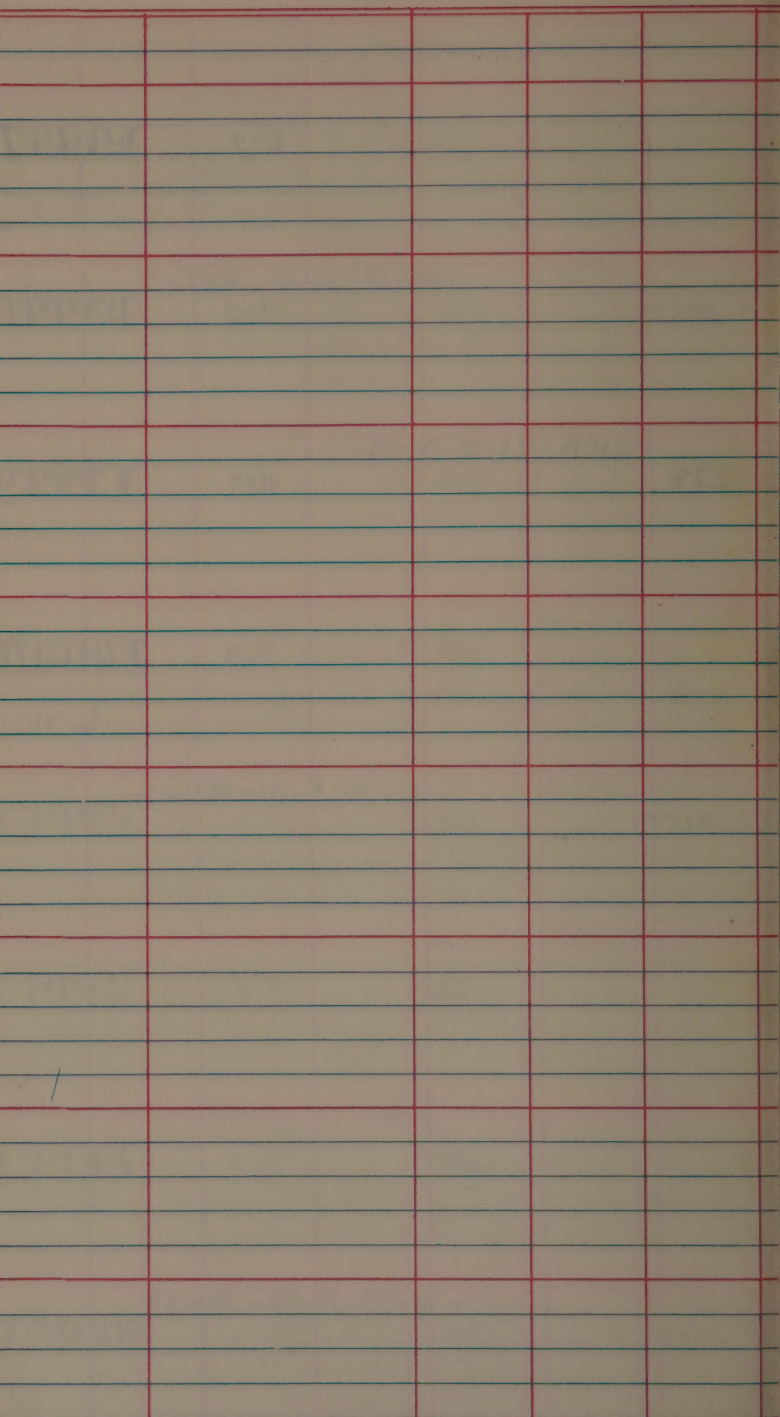
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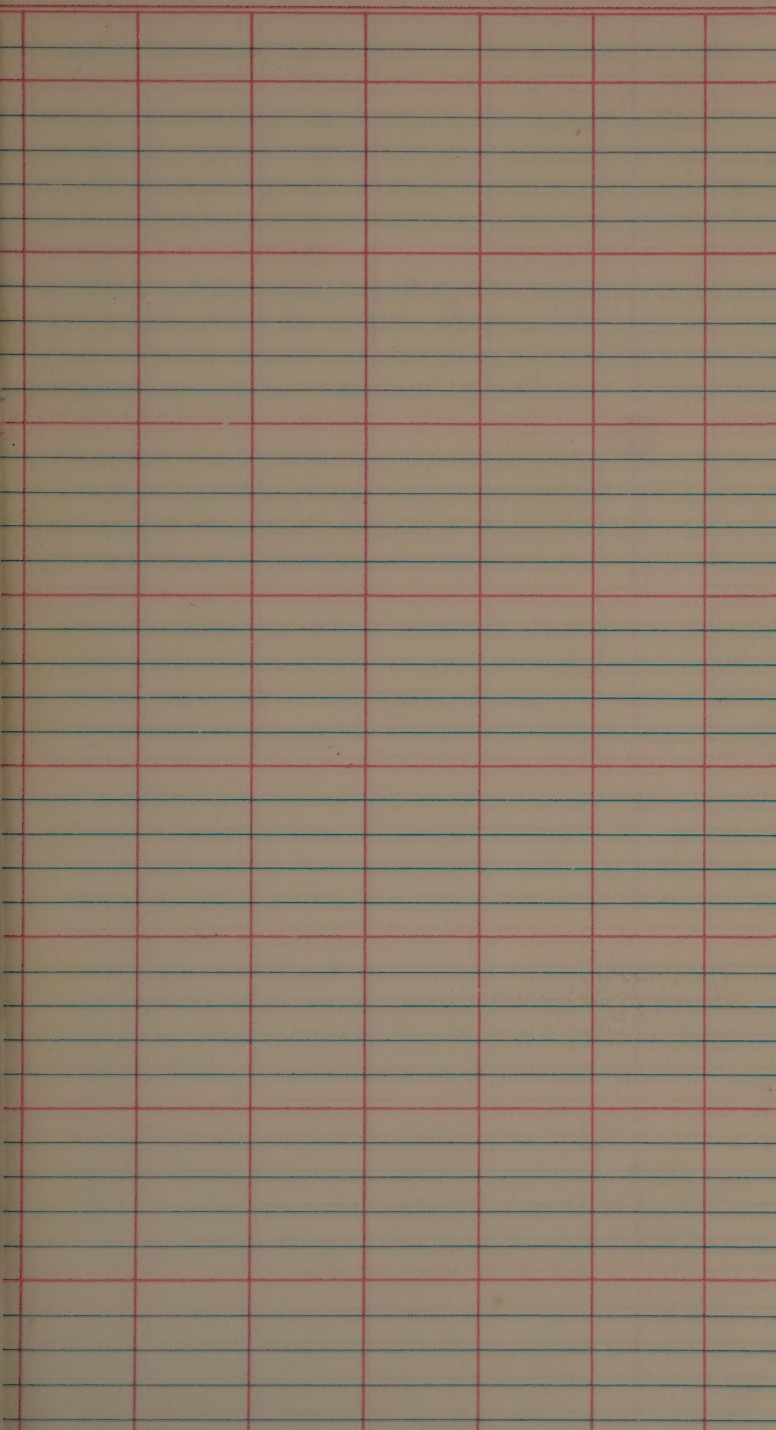
13999

7/29

14000

bx 916





CG12A = 9881/331581//7402003

Not heated 8/1

13278

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

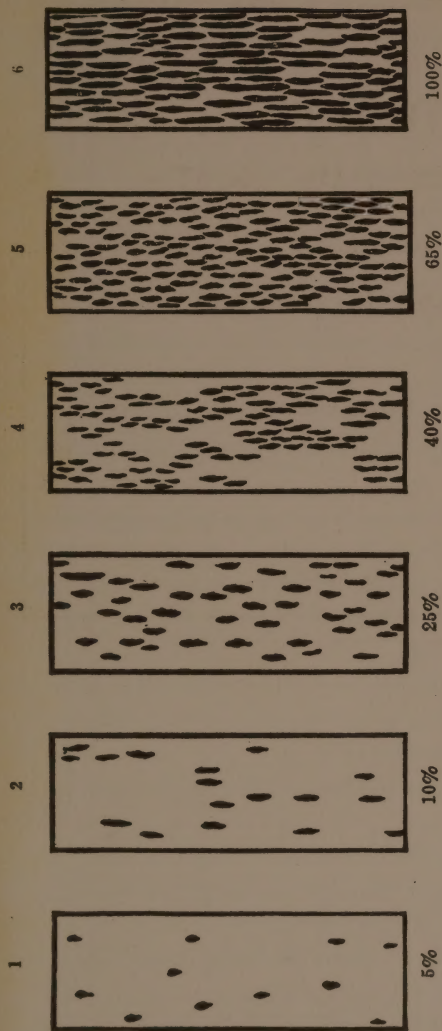
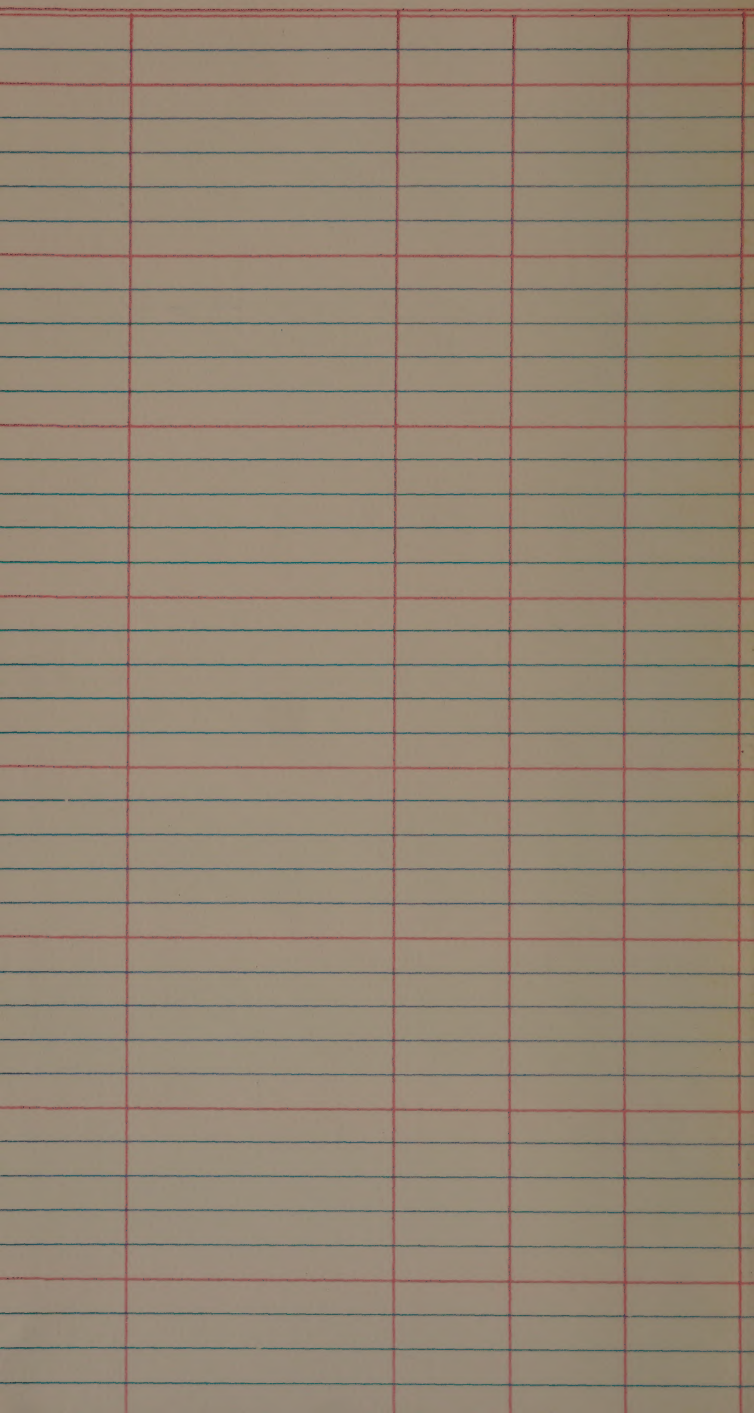
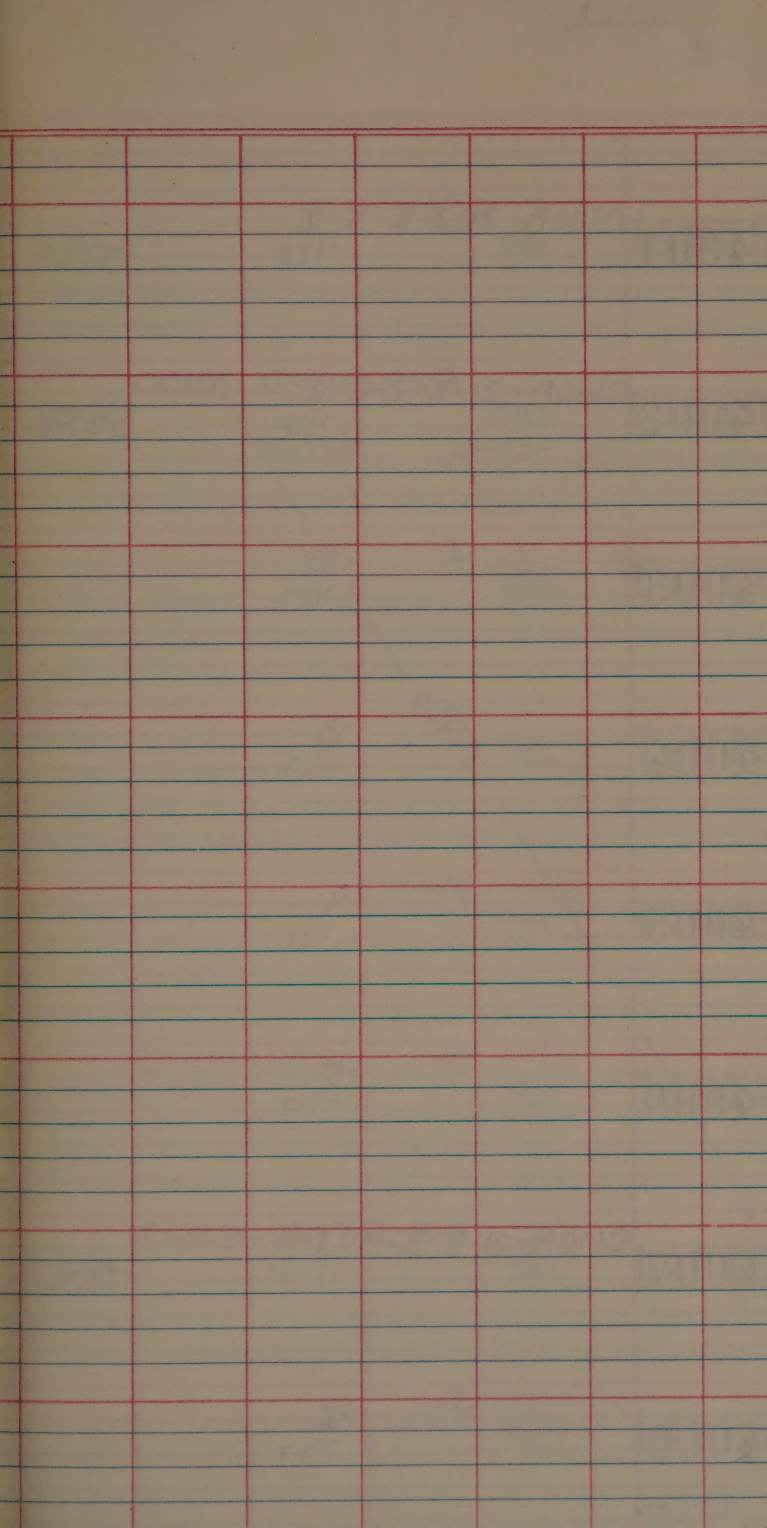


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





Second:

14001

C610A-21-2-3-5-5

7/28

7228

14002

C610A-21-8-2-2-12

7/27

7230

85/774

14003

-2

7/27

14004

-3

7/28

14005

-4

7/27

14006

-5

7/27

14007

C610A-21-8-3-3-1

7/27

7236

14008

-2

7/27

-3

7/28

14009

C610A-21-10-1-4-1

7242

7/27

14010

85/775

-2

7/26

14011

-3

7/26

14012

-4

7/27

14013

-5

7/27

14014

C610A-26-2-2-5-1

7259

7/27

14015

-2

7/27

14016

14017

-3
7/27

14018

CG10A-26-6-2-2-1-4

7/27

7261

14019

-2-5
7/26

14020

-3
7/25

bk 9/10

14021

CG10A-26-10-2-3-1

7/25

7267

14022

-2
7/26

14023

-3
7/26

14024

RU8303046

7/27

HR

bk 9/10

7279 C610A-29-5-4-4-1

7/28

14025

-2

7/26

14026

-3

7/26

14027

-4

7/26

14028

-5

7/26

14029

7282 C610A-29-8-4-2-1

7/26

14030

85/874

-2

7/26

14031

-3

7/26

14032

bx 9/10

14033

-4
7/26

14034

-5
7/26

14035

C610A-29-9-3-2-1

7/25

85/776

7287

14036

-2
7/24

14037

-3
7/25

14038

-4
7/25

14039

-5
7/25

14040

C610A-31-2-3-2-1

7/24

7297

-2

7/24

14041

b/c 9/10

-3

7/24

14042

C610A-31-10-3-4-1

7304

7/25

14043

b/c 9/10

-2

7/23

14044

-3

7/23

14045

C610A-32-1-5-5-1

7310

7/23

14046

-2

7/23

14047

-3

7/23

14048

14049

-4

7/24

14050

-5

7/23

14051

RU8303169

7/26

32

bk 9/10

14052

C610A-32-5-2-1-1

7/25

7311

14053

-2

7/26

Rh200. 7/11

14054

-3

7/26

14055

C610A-32-6-5-4-1

7/26

7319

14056

-2

7/27

bk 9/10

-3

7/26

14057

C610A-32-9-5-4-1

7324

7/25

14058

-2

7/24

14059

-3

7/25

14060

br 9/10

C610A-35-5-1-1-1

7327

7/30

14061

-2

7/29

14062

-3

7/28

14063

-4

7/29

14064

14065

-5

7/27

14066

C610A-35-8-5-1-1

7/26

7332

85/777

14067

-2

7/26

14068

-3

7/26

14069

-4

7/26

14070

-5

7/26

14071

C610A-40-1-4-3-1

7/27

7339

14072

-2

7/26

bx 9/10 -3

7/27

14073

-4

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14074

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7/27

14075

RU8403113

16546

7/19

14076

bx 9/10

C610A-40-10-1-4-1

7345

7/23

14077

-2

7/23

14078

9/10

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7/23

14079

C610A-42-8-3-3-1

7349

7/23

14080

14081

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-2

14082

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-3

14083

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-4

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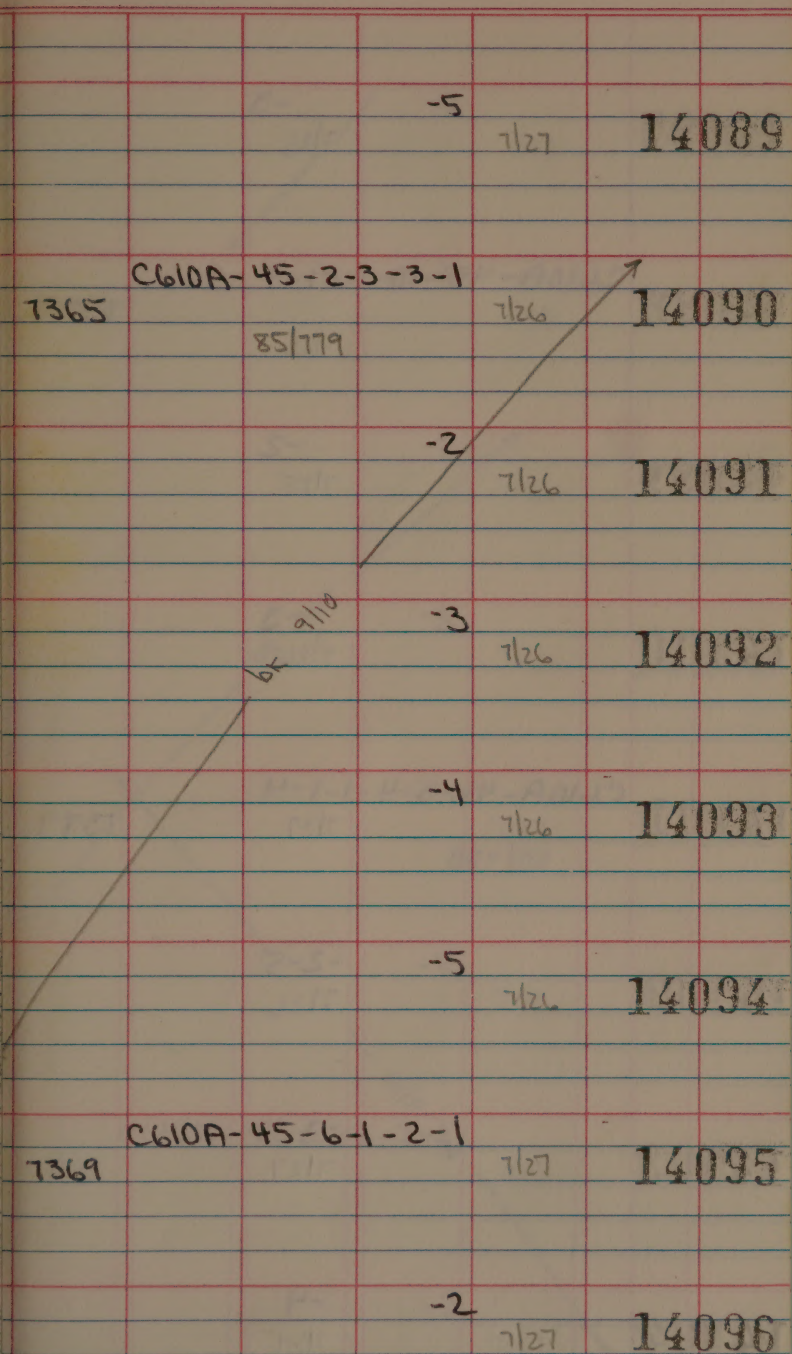
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7/29

-4

bx 9/10



114097

-3
7/26

114098

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1374

114099

-2
7/25

114100

-3
7/26

114101

C610A-46-5-4-1-1-1

7/27

1379

85/780

114102

-2
7/26

114103

-3
7/27

114104

-4
7/27

		-5	7/27	14105
1387	C610A-46-8-3-4-1		7/26	14106
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		-3	7/26	14108
		-4	7/27	14109
		-5	7/27	14110
1390	C610A-48-5-2-2-1		7/27	14111
		-2	7/27	14112

114113

-3

7/27

114114

C610A-48-9-2-1-1

7/26

7394

114115

thrash better

-2

7/26

114116

-3

7/27

br 9/10

14117

C610A-53-4-1-3-1

7/26

7406

114118

-2

7/26

14119

-3

7/24

br 9/10

14120

-4

7/26

		-5	7/26	14121
7407	C610A-54-1-3-1-1		7/24	14122
		-2	7/24	14123
	br 9/10	-3	7/25	14124
		-4	7/26	14125
		-5	7/26	14126
144	RU8403144		7/26	14127
7413	C610A-57-4-3-1-1		7/22	14128

14129

-2

7/25

14130

-3

7/23

br 9/10

14131

-4

7/25

14132

-5

7/25

14133

C610A-57-4-5-1-1

7/24

7416

14134

-2

7/24

14135

-3

7/24

14136

C610A-57-10-3-1-1

7/26

7419

-2

7/25

14137

-3

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14138

C610A-59-8-3-1-1

7428

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14139

-2

7/24

14140

br 9/10

-3

7/25

14141

C610A-59-8-4-2-1

7434

7/23

14142

85/781

-2

7/24

14143

br 9/10

-3

7/27

14144

14145

-4

7/26

14146

-5

7/26

14147

C610A-61-2-2-3-1

7/24

7440

14148

-2

7/23

rhizoc. ring

14149

-3

7/23

14150

RU8303181

7/26

HR

bk 9/10

14151

C610A-61-2-3-4-1

7/25

7446

14152

-2

7/26

-3

7/26

14153

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7/27

14154

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14155

C610A-61-4-5-2-1

7449

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14156

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14157

-3

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14158

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14159

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14160

14161	C610A-62-2-1-5-1	7/29	7458
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-3

7/27

14169



CG10A-62-6-2-2-1

7470

7/29

14170

-2

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14171

-3

7/25

14172

CG10A-62-9-5-2-1

7476

7/26

14173

-2

7/23

14174

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7/26

14175

-4

7/26

14176

Thresh
900
bx 9/10

14177

-5

7/25

14178

LBLE

7/18

Fd

bx 910

14179

CG10A-63-1-3-3-1

7/24

7480

85/875

14180

-2

7/24

14181

-3

7/25

14182

-4

7/24

14183

-5

7/24

14184

CG10A-64-6-3-1-1

7/26

7487

-2

7/26

14185

bx 9/10

-3

7/25

14186

-4

7/26

14187

-5

7/25

14188

C610A-65-1-5-5-1

7494

85/784

7/25

14189

-2

7/26

14190

-3

7/27

14191

bx 9/10

-4

7/27

14192

14193

-5

7/27

14194

C610A-65-3-1-2-1

7/27

7496

14195

-2

7/27

bx 9/10

14196

-3

7/27

14197

C610A-65-9-3-1-1

7/28

7505

85/435

85/135

14198

-2

7/27

14199

fresh OK ?

bx 9/10

-3

7/26

14200

-4

7/27

			-5	7/29	14201
7510	C610A-68-2-4-1-1	85/785		7/29	14202
			-2	7/29	14203
		9/10	-3	7/28	14204
		bK	-4	7/28	14205
			-5	7/27	14206
7522	C610A-70-5-2-2-1	85/673		7/25	14207
			-2	7/23	14208

14209

-3
7/23

14210

-4
7/23

14211

-5
7/24

14212

C610A-70-5-5-3-1
7/24

7527

14213

-2
7/22*fresh ford*

14214

-3
7/22

bk 9/10

14215

C610A-70-8-2-2-1
7/29

7531

14216

-2
7/30

-3

7/30

14217

C610A-74-1-5-3-1

7535

7/26

14218

-2

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14219

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14220

C610A-74-8-4-2-1

7537

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14221

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7/26

14222

9/10

bk 9/10

-3

7/27

14223

TBNT

AR Rd

7/22

14224

bk 9/10

14225 C610A-80-2-5-1-1 7/25 1539

14226 -2 7/24

14227 -3 7/25

14228 C610A-80-8-3-2-1 7/25 1546
85/786

14229 1-2 7/25

14230 -3 7/26

14231 -4 7/25

14232 -5 7/26

b/c 9/10

C610A-83-8-4-2-1

7553

85/674

7/23

14233

-2

7/24

14234

-3

7/23

14235

br 9/10

-4

7/23

14236

-5

7/23

14237

C610A-98-2-4-3-1

7567

85/787

7/25

14238

-2

7/23

14239

Phizoo. ring

-3

7/24

14240

14241

-4
7/25

bx 9/10

14242

-5
7/25

14243

CG10A-98-7-3-2-1

7/24

7572

14244

-2
7/24

14245

-3
7/25

14246

CG10A-100-2-3-3-1

7/27

7580

85/875

14247

1-2
7/27

14248

-3
7/27

bx 9/10

-4

7/26

14249

-5

7/26

14250

LBNT

Fd

7/28

14251

bx 9/10

7587

C610A-100-8-2-2-1

7/26

14252

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7/26

14253

-3

7/26

14254

C610A-101-3-5-3-1

7591

85/675

7/24

14255

-2

7/24

14256

14257

-3

7/23

14258

-4

7/23

14259

-5

7/23

14260

C610A-105-6-3-4-1

7/24

7613

85/788

14261

-2

7/26

14262

-3

7/25

14263

C610A-105-9-2-3-1

7/23

7617

85/676

14264

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7/23

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7/23

14265

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7/23

14266

-5

7/24

14267

C610A-109-1-4-3-1

7626

85/876

7/27

14268

-2

7/27

14269

b/c 9/10

-3

7/28

14270

-4

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14271

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14272

14273	LEAH	7/30	35
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br 9/10

14274	C610A-109-8-1-1-1	7/25	7634
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14275		-2 7/26	
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14276		-3 7/26	
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14277	C610A-109-9-1-3-1	7/25	7641
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14278		-2 7/25	
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14279		-3 7/25	
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14280	C610A-111-8-2-3-1	7/27	7649
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85/877

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7/27

14281

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14282

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14284

C610A-111-9-3-2-1

7654

7/25

14285

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14286

-3

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14287

C610A-112-9-2-3-1

7661

7/26

14288

14289 -2
7/26

14290 -3
7/27

14291 C610A-114-6-5-2-1
7/26 7663

14292 -2
7/24

14293 -3
7/26

14294 C610A-119-7-3-3-1
7/29 7670

14295 -2
7/25

bx 9/10

14296 -3
7/26

-4

7/27

14297

-5

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14298

C610A-BK₂-2-2-2-1

7678

7/25

14299

-2

7/26

14300

bx 9/10

-3

7/31

14301

C610A-BK₂-5-1-5-1

7684

7/27

14302

85/789

-2

7/27

14303

-3

7/27

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14305 C610A-Bk₂-6-3-2-1 7/28 7686
85/878

14306 -2 7/27

14307 -3 7/28

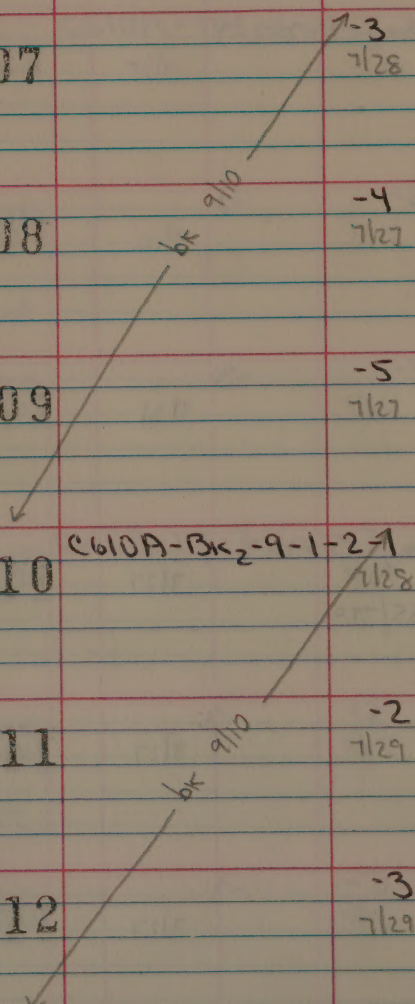
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14309 -5 7/27

14310 C610A-Bk₂-9-1-2-1 7/28 7691

14311 -2 7/29

14312 -3 7/29



7696

CG10A-Bk₂-14-1-1-1

85/879

7/28

14313

-2

7/28

14314

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7/28

14315

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14316

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7/27

14317

7728

CG10A-Bk₂-35-2-2-1

85/679

7/23

14318

-2

7/24

14319

-3

7/25

14320

14321 C610A-Bk₂-43-1-1-1
85/680 7/24 7738

14322 -2
7/24

14323 -3
7/24

14324 -4
7/23

14325 -5
7/24

14326 NWBT
8/2 AR Fd
bx 9/10

14327 C610A-Bk₂-44-2-5-1
85/682 7/24 7747

14328 -2
7/23

-3

7/24

14329

CG10A-Bk₂-48-1-2-1

7749

7/23

14330

-2

7/23

14331

bks 9/10

-3

7/23

14332

-4

7/23

14333

-5

7/23

14334

CG10A-Bk₂-55-1-3-1

7757

7/25

14335

85/190

-2

7/25

14336

thresh OK

14337 -3
7/25

14338 C610A-BK₂-65-5-2-1
7/25 7786
85/791

14339 -2
7/25

14340 -3
7/25

14341 C610A-BK₂-67-4-2-1
7/25 7791
85/880

14342 -2
7/25

14343 -3
7/25
Phizoc. ring

bkr 9110

14344 C610A-BK₂-102-1-2-1
7/23 7844
85/793

-2

7/23

14345

-3

7/27

14346

CG10A-Bk₂-111-1-2-1

7864

7/26

14347

85/794

-2

7/26

14348

Rhizoc. ring

-3

7/26

14349

STBN

76

8/8

14350

bk 9/10

CG10A-Bk₂-112-1-2-1

7869

7/25

14351

85/795

-2

7/25

14352

14353

-3

7124

14354

-4

7125

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7125

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C610A-BK₂-138-2-2-1

7126

7892

14357

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7125

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7125

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7125

bx 9110

14360

-5

7125

C610A-BK₂-140-3-3-1

7898

7/25

14361

-2

7/27

14362

-3

7/26

14363

bx 9/10

-4

7/27

14364

-5

7/25

14365

C610A-

7917

7/26

14366

85/933

7/27

14367

bx 9/10

7/27

14368

14369

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14370

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14371

CGIDA-

7/24

1937

14372

7/25

14373

Rhizog ring

7/24

14374

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14375

7/25

14376

NW RX

7/29

Fd

bk 9/10

7943 C610A- 7/27 14377

85/881

Rhizoc ring

7/25 14378

7/27 14379

7969 C610A- 7/26 14380

85/882

7/26 14381

7/26 14382

Rhizoc ring

7/27 14383

7/27 14384

14385 C610A- 7/26 1971

14386 7/26

14387 Reuter, very good? b/c 9/10 7/25

14388 7/26

14389 7/26

14390 C610A- 7/24 1977
85/853

14391 7/26

14392 7/26

7/27

14393

7/27

14394

C610A-

7996

7/26

14395

7/27

14396

bx 9/10

7/26

14397

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14398

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14399

PI408449

4960

8/6

14400

bx 9/10

Seeded : 5/9/85

	B8268A1-304		
14401		8/2	20002-49
✓ P/P	LEAH/LMNT *F, //NWRX		
	-305		
14402		7/27	
	-306		
14403		7/30	
	-307		
14404		7/29	
	-308		
14405		7/31	
	-309		
14406		7/25	
	-310		
14407		7/30	
✓ P/P			
	-311		
14408		7/28	

20002-49	-312	7/29	14409
	-313	7/25	14410 p/p ✓
	-314	7/26	14411
	-315	7/29	14412 p/p ✓
	-316	7/31	14413 p/p ✓
	-317	7/27	14414
	-318	7/27	14415
	-319	7/26	14416

14417	B8268A1-320	7/29	20002-49
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14418	-321	7/25	
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14419	-322	7/26	
✓ P/P			

14420	-323	7/25	
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14421	-324	7/26	
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14422	-325	7/26	
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14423	-326	7/26	
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14424	-327	7/25	
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Fd LMNT

8/2

14425

B8268A1-328

20002-49

7/26

14426

-329

7/28

14427

-330

7/28

14428

-331

7/24

14429

-332

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14430

-333

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14431

-334

7/23

14432

14433	B8268A1-335	7/25	20002-49
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14434	-336	7/24	
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✓ Pip

14435	-337	7/23	
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14436	-338	7/26	
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14437	-339	8/1	
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14438	-340	7/26	
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14439	-341	7/26	
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✓ Pip

14440	-342	7/26	
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B8268A1-343

20002-49

7/27

14441

-344

7/19

14442

-345

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14443

-346

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14444

P/p

-347

7/25

14445

P/p

-348

7/26

14446

P/p

-349

7/23

14447

-350

7/24

14448

14449	B8268A1-351	7/26	20002-49
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14450	LEAH	8/1	35
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14451	-352	7/25	
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14452	-353	7/24	
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14453	-354	7/28	
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✓
P/p

14454	-355	7/29	
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✓
P/p

14455	-356	8/2	
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14456	-357	7/24	
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B8268A1-358

20002-49

7/27

14457

-359

7/27

14458

p/p

-360

7/26

14459

p/p

-361

7/27

14460

p/p

-362

7/27

14461

-363

7/25

14462

p/p

-364

7/25

14463

-365

8/1

14464

B8268A1-366

14465

8/25

20002-49

-367

14466

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-368

14467

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-369

14468

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14469

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14470

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-372

14471

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-373

14472

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B8268A1-374

100-143,527.9

0002-49

7/26

14473

P/P ✓

-375

532

7/26

14474

NWRX

F48

Fd

7/31

14475

-376

F2

7/27

14476

-377

F10

7/26

14477

-378

F1

7/25

14478

-379

F1

7/26

14479

P/P ✓

-380

F1

7/26

14480

14481	B8268A1-381	7/25	20002-49
14482	-382	7/26	
14483	-383	7/25	
14484	-384	7/25	
14485	-385	7/24	
14486	-386	7/27	
✓ PIP			
14487	-387	8/2	
✓ PIP			
14488	-388	7/24	

B8268A1-389	ARJSEI	
20002-49	7/21	14489
-390	7/25	14490
		p/p ✓
-391	7/29	14491
		p/p ✓
-392	7/27	14492
		p/p ✓
-393	7/28	14493
-394	7/23	14494
-395	8/1	14495
		p/p ✓
-396	8/1	14496

14497	B8268A1-397	7/22	20002-49
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14498	-398	7/28	
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14499	-399	7/29	
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14500	-400	7/25	
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14501	-401	8/1	
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14502	-402	7/31	
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14503	-403	7/29	
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14504	-404	7/29	
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B8268A1-405	7/25	14505
20002-49		
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-407	7/25	14507
-408	7/28	14508
-409	7/29	14509
-410	7/27	14510
-411	7/26	14511
-412	7/26	14512

14513	B8268A1-413	8/1	20002-49	
14514		7/30		
14515		7/27		
14516		8/2		
14517		7/27		
14518		7/28		
14519		7/25		
14520	-420	7/25		

B8268A1-421	7/26	14521
20002-49		
-422	7/26	14522
		pp ✓
	7/27	14523
	7/26	14524
		? pp ✓
Fd SKBT	7/25	14525
-427	7/27	14526
		pp ✓
	7/26	14527
-427	7/24	14528

14529	B8268A1-428	7/26	20002-49
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14530		7/24	
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14531	-430	7/24	
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✓
p18

14532		7/27	
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14533		7/28	
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14534		7/26	
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14535		7/24	
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14536	-435	7/25	
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B5268A1-436

M-1A31288

20002-49

7/25

14537

✓
P/R

7/26

14538

7/23

14539

✓
P/R

7/23

14540

✓
P/R

7/23

14541

7/24

14542

7/23

14543

-443

7/26

14544

B8268A1-444

✓
14545

7/27

20002-49

rip

14546

7/25

14547

7/26

14548

7/29

14549

7/26

14550 TBNT

7/23

AR Fd

14551

7/27

14552 -450

7/27

B8268A1-451

20002-49

7/25

14553

✓
1p

7/24

14554

7/28

14555

7/26

14556

✓
1p

7/22

14557

7/28

14558

7/29

14559

-458

7/26

14560

14561	B8268A1-459	7/25	20002-49
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14562		7/27	
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14563		7/28	
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14564		7/25	
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14565	-463	7/26	
✓ P18			

14566		7/29	
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14567		7/27	
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14568	-466	7/27	
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B8268A1-467

14569

20002-49

7/30

14569 ✓
P/p

7/26

14570

7/25

14571

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14572

8/1

14573

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14574

RU8303169

32

7/30

14575

-473

7/26

14576 ✓
P/p

14577	B8268A1-474	7/27	20002-49
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✓ P/P 14578		8/2	
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✓ P/P 14579		7/27	
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✓ P/P 14580		7/27	
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14581		7/29	
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14582		8/3	
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14583		7/28	
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✓ P/P 14584	-481	7/27	
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B8268A1-482

20002-49

7/28

14585

7/28

14586

Pip ✓

7/27

14587

Pip ✓

7/29

14588

7/28

14589

7/28

14590

7/29

14591

Pip ✓

-489

7/28

14592

Pip ✓

B8268A1-490

14593

7/29

20002-49

14594

7/25

✓
Pip

14595

7/26

14596

7/26

14597

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14598

7/28

✓
Pip

14599

7/28

14600

-497

8/2

B8268A1-498

20002-49

102 1482580

8/10

14601

8/1

14602

8/5

14603

7/28

14604

7/26

14605

8/2

14606

7/27

14607

-505

7/25

14608

14609	B8268A1-506	7/26	20002-49	
14610		7/26		
14611		7/24		
14612		7/25		
14613		7/26		
14614		7/24		
14615		7/27		
✓ 9/8				
14616	-513	7/24		

B8268A1-514

20002-49

7/23

14617

7/26

14618

P/p ✓

7/26

14619

7/28

14620

7/26

14621

7/21

14622

7/24

14623

-521

7/26

14624

P/p ✓

14625	RU8303181	7/27	HR
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14626	B8268A1-522	7/20	
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✓ PIR

14627		7/22	
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14628		7/25	
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14629		7/27	
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14630		7/22	
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14631		7/27	
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✓ PIP

14632	-528	7/23	
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B8268A1-529

80002-49

7/26

14633

7/27

14634

7/25

14635

p/p ✓

7/25

14636

p/p ✓

7/25

14637

8/5

14638

7/24

14639

-536

8/5

14640

B8268A1-537

14641

7/26

20002-49

✓
pip

14642

7/24

14643

7/28

✓
pip

14644

7/25

14645

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14646

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14647

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14648

-544

7/27

B8268A1-545
20002-49

7124

14649

NWBT
AR Fd

7123

14650

-546

7126

14651

7125

14652

7126

14653

7125

14654

7126

14655

-551

7128

14656

B8268A1-552

14657

7/26

20002-49

14658

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14659

7/20

14660

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14661

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14662

7/25

✓
PIP

14663

7/26

-559

14664

7/25

✓
PIP

B8268A1-560

20002-49

7/24

14665

7/26

14666

7/25

14667

-563

7/26

14668

P/p

-564

7/26

14669

P/p

-565

8/1

14670

P/p

7/27

14671

-567

8/2

14672

B8268A1-568

14673

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20002-49

✓ PIP

14674

8/3

LBLE

14675

7/22

Fd

14676

7/25

14677

7/23

14678

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14679

7/26

14680

-574

7/28

✓ PIP

B8268A1-515

20002-49

7/26

14681

P/p ✓

7/27

14682

-517

8/1

14683

P/p ✓

7/27

14684

7/26

14685

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14686

7/28

14687

-582

7/26

14688

P/p ✓

14689	B8268A1-583	7/25	20002-49
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14690		7/27	
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14691		7/28	
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14692		7/24	
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14693	-587	8/1	
✓ PIP			

14694		7/24	
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14695	-589	7/24	
✓ PIP			

14696	-590	7/27	
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B5268M-591

20002-49

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14697

P/P ✓

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14698

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14699

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14700

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14701

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14702

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14703

-598

8/3

14704

B8268A1-599

14705

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20002-49

14706

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14707

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14708

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14709

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14710

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14711

7/27

14712

-606

7/25

✓ Plp

B8268A1-607

20002-49

7/26

14713

-608

7/28

14714

PI 408449

4960

8/5

14715

B8282A1-204

20051-80

7/27

14716

LBNT//9881/331581/3/IR24 * F, /4/LMNT

-205

7/25

14717

= LMNT / IR-24 * F, // LMNT

= LMNT * 2 / IR24

-206

7/29

14718

-207

7/27

14719

-208

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14720

14721	B8282A1-209	7/23	20051-80
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14722	-210	7/27
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14723	-211	7/23
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14724	-212	7/22
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14725	-213	7/22
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14726	-214	7/25
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14727	-215	7/26
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14728	-216	7/26
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20051-80

-217

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14733

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-223

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14735

-224

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14736

B8282A1-225

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20051-80

-226

14738

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-227

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10585871

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14749

Fa

LMNT

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14750

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14751

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14752

14753	B8282A1-	7/26	20051-80
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14754		7/26	
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14755		7/22	
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14756		7/22	
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14758		7/28	
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14759		7/26	
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14760		7/26	
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20051-80

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14762

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14763

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20051-80

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14771

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14772

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14773

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14774

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14775

RV8303046

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HR

14776

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20051-80

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14777

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14778

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14779

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14780

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14781

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14782

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14783

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B8282A1-

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20051-80

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14789

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14791

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20051-80

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14799

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14800

B8282A1-

14801

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20051-80

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14803

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14804

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14805

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20051-80

- AS8583

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14809

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B8282A-

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20051-80

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14823

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14824

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IR-36

189

153278

83

14825

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14826

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14833	B8282A1-	7/20	20051-80
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14834		7/19	
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14835		7/24	
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14836		7/28	
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14837		7/25	
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14838		7/27	
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14839		7/26	
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14840		7/25	
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20051-80

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14841

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14842

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14849	B8282A1-	7/24	20051-80
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14850	SKBT	7/26	Fd
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14851		7/26	
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14852		7/28	
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14853		7/24	
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14854		7/26	
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14855		7/24	
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14856		7/24	
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20051-80

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14865	B8282A1-	7/23	20051-80
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14866		7/25	
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14867		7/24	
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14868		7/23	
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14869		7/25	
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14870		7/27	
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14871		7/28	
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14872		7/26	
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20051-80

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14873

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14874

BLMT

Fd

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14876

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14878

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B8282A1-

14881

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20051-80

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20051-80

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14893

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B8282A1-

14897

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20051-80

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14899

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14900

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14901

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14904

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20051-80

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14912

B8282A1-

14913

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20051-80

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IR-24

14918

8/11

25467-76

Colourless apiculus

PI 408449

14919

8/3

4960

B8267A1-1

14920

7/30

20142-53

LEAH*2/3/LANT//9881/331581

20142-53	-2	7/30	14921
	-3	7/29	14922
	-4	7/30	14923
	-5	7/29	14924
	-6	7/30	14925
	-7	8/1	14926
	-8	7/28	14927
	-9	7/30	14928

14929	B8267A1-10	7/30	20142-53	
14930	-11	7/30		
14931	-12	7/28		
14932		7/30		
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20142-53

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20142-53

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LEAH

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20142-53

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RV8003050

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14977	B8267A1-	7/28	20142-53
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14978		7/30	
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14979		7/31	
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14980		7/31	
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14981		8/2	
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14982		7/28	
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14983		7/30	
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14984		7/31	
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20142-53

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14993

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14998

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14999

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15000

8/1

Seeded: 5/9/85

63

0142-53

7/31

15001

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15002

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15003

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15004

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15005

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15006

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15007

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15008

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15010

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15011

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15012

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15013

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15014

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15015

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15016

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15019

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15025	LMNT	7/31	Fa
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15028		7/30	
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15030		8/1	
15031		7/27	
15032		7/30	

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15041

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15043

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15046

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15047

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15048

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20142-53

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15049

CB

CB801

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15050

20142-53

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15051

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15052

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15053

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15054

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15055

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15057

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15060

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15071

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15072

15073	B8267A1~	8/1	20142-53
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15074		8/1	
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15075	L-202	7/23	119
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15076		8/2	
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15077		8/1	
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15078		7/30	
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15079		7/30	
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15080		8/1	
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20142-53

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15081

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15089

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20142-53

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15091

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20142-53

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15099

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15105	B82G7A1-	8/1	20142-53
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15106		7/31	
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15107		7/31	
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15108		7/31	
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15109		7/30	
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15110		7/30	
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15111		7/31	
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15112		7/30	
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20142-53

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15121	B8267A1-	8/1	20142-53
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15122		8/1	
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15123		7/29	
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15124		7/29	
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15125	LEAH	7/29	35
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15126		7/29	
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15127		7/27	
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15128		8/1	
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20142-53

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15137	B8267A1-	7/29	20142-53
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15138		7/29	
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15139		7/28	
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15140		7/27	
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15141		7/29	
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15142		7/29	
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15143		8/1	
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15144		7/28	
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20142-53

7/30

15145

7/30

15146

7/30

15147

7/30

15148

7/29

15149

8/1

15150

7/29

15151

7/29

15152

15153	B8267A1-	7/29	20142-53
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15154		7/31	
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15155	RU8303046	7/28	HR
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15156	B8267A2-1	8/1	20155-60
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15157	-2	8/4	
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15158	-3	8/1	
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15159	-4	8/1	
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15160	-5	8/1	
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20155-60

-6

8/1

15161

-7

7/31

15162

-8

7/31

15163

-9

8/1

15164

-10

8/1

15165

-11

8/1

15166

-12

7/31

15167

-13

7/31

15168

15169	B8267A2-14	8/1	20155-60
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15170	-15	7/31	
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15171	-16	8/1	
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15172		8/1	
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15173		8/1	
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15174		8/2	
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15175	NWBT	8/2	AR Fd
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15176		7/31	
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20155-60

7/31

15177

8/2

15178

8/1

15179

8/1

15180

7/31

15181

7/31

15182

8/1

15183

7/31

15184

B8267A2-

15185

8/1

20155-60

15186

8/1

15187

8/1

15188

8/2

15189

8/2

15190

8/1

15191

8/1

15192

8/1

20155-60

8/2

15193

8/1

15194

8/1

15195

7/31

15196

7/31

15197

7/31

15198

8/2

15199

7/31

15200

Seeded :

15201	B8267A2-	8/2	20155-60
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15202		8/3	
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15203		8/2	
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15204		7/30	
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15205		7/29	
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15206		7/27	
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15207		7/30	
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15208		7/30	
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20155-60

7/31

15209

7/28

15210

7/31

15211

4960

PI 408449

8/2

15212

20190-99

B8272A2 -1

8/4

15213

LEAH / 8003050 // LMNT

-2

7/26

15214

-3

7/25

15215

-4

7/27

15216

15217	B8272A2-	7/26	20190-99
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15218		7/26	
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15219		7/26	
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15220		8/3	
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15221		7/27	
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15222		7/29	
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15223		7/29	
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15224		7/26	
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20190-99

7/30

15225

7/31

15226

8/2

15227

8/2

15228

7/26

15229

7/25

15230

7/28

15231

7/27

15232

B8272A2-

15233

7/29

20190-99

15234

7/29

15235

7/29

15236

7/26

15237

7/28

15238

7/24

15239

7/26

15240

7/28

20190-99

715589

7/24

15241

7/29

15242

7/25

15243

7/25

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7/27

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7/29

15246

7/27

15247

8/1

15248

15249	B8272A2-	7/27	20190-99
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15250	RU8003050	8/2	52
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15251		8/2	
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15252		7/26	
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15253		7/27	
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15254		7/27	
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15255		7/31	
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15256		7/30	
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20190-99

7/27

15257

7/26

15258

7/27

15259

7/25

15260

7/29

15261

7/26

15262

7/31

15263

7/31

15264

B8272A2-

15265

7/27

20190-99

15266

7/28

15267

7/27

15268

7/29

15269

7/31

15270

7/30

15271

7/30

15272

8/2

0190-99

7/29

15273

7/28

15274

RU8303169

32

7/28

15275

7/29

15276

7/27

15277

7/25

15278

7/26

15279

7/26

15280

15281	B8272A2-	7/27	20190-99
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15282		7/27	
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15283		7/27	
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15284		7/27	
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15285		7/29	
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15286		7/30	
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15287		7/30	
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15288		7/27	
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20190-99

7/31

15289

7/26

15290

7/26

15291

7/26

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7/27

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7/28

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15297	B8272A2-	7/27	20190-99
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15298		7/27	
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15299		7/30	
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15300		8/3	
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15301		7/30	
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15302		8/6	
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15303		7/27	
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15304		7/27	
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20190-99

7/27

15305

8/4

15306

7/26

15307

7/27

15308

7/27

15309

7/28

15310

7/29

15311

7/29

15312

B8272A2-

15313

7/28

20190-99

15314

7/26

15315

7/26

15316

7/27

15317

7/27

15318

7/26

15319

7/28

15320

7/27

20190-99

7/26

15321

7/31

15322

8/2

15323

7/25

15324

Fd

LBNT

7/31

15325

7/24

15326

7/26

15327

7/25

15328

	B8272A2~		
15329		7/29	20190-99
15330		7/25	
15331		7/28	
15332		7/26	
15333		7/25	
15334		7/24	
15335		7/24	
15336		7/28	

20190-99

7/26

15337

7/25

15338

7/26

15339

7/26

15340

7/26

15341

7/26

15342

7/26

15343

7/30

15344

B8272A2-

15345

7/25

20190-99

15346

7/28

15347

7/27

15348

7/28

15349

7/28

15350

BOND

7/22

NR Fd

15351

7/27

15352

7/27

20190-99

7/29

15353

8/2

15354

7/26

15355

7/29

15356

7/25

15357

7/25

15358

8/2

15359

7/31

15360

B8272A2-

15361

7/28

20190-99

15362

7/28

15363

7/28

15364

7/27

15365

7/27

15366

7/26

15367

7/29

15368

7/27

20190-99	7/27	15369
	7/26	15370
PI 408449		
4960	8/2	15371
B8255A1-1		
20591-600	7/27	15372
BLMT/KCAI * F, // 8003005		
-2	7/23	15373
-3	7/23	15374
-4	7/19	15375
-5	7/25	15376

B8255A-6

15377

7/23

20591-600

-7

15378

7/25

-8

15379

7/21

-9

15380

7/23

-10

15381

7/23

-11

15382

7/20

-12

15383

7/24

-13

15384

7/25

20591-600

-14

7/27

15385

p/p ✓

-15

7/25

15386

p/p ✓

-16

7/31

15387

p/p ✓

-17

7/25

15388

-18

8/1

15389

-19

7/28

15390

p/p ✓

-20

7/23

15391

-21

7/25

15392

15393 B8255A1-22 7/26 20591-600

✓
pip

15394 -23 7/25

✓
pip

15395 -24 7/24

15396 -25 7/23

15397 -26 7/26

15398 -27 7/21

✓
pip

15399 -28 7/23

✓
pip

15400 -29 7/23

20591-600	-30	7/25	15401
	-31	7/28	15402
	-32	7/25	15403
	-33	7/27	15404 p/p ✓
	-34	7/28	15405
	-35	7/26	15406 p/p ✓
	-36	8/1	15407
	-37	7/26	15408 p/p ✓

15409	B8255A1-38	7/26	205911-600	
✓ pip				
15410	-39	7/26		
15411	-40	7/23		
15412	-41	7/24		
✓ pip				
15413	-42	7/25		
15414	-43	7/20		
15415	-44	7/29		
15416	-45	7/24		

20591-600

-46

7/24

15417

-47

7/25

15418

-48

7/21

15419

-49

7/25

15420

-50

7/27

15421

-51

7/26

15422

-52

7/28

15423

-53

7/19

15424

P4✓

15425	RU 8003005	7/21	HR
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15426	B8255A1-54	7/24	20591-600
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15427	-55	7/22	
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✓ P/P

15428	-56	7/25	
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15429	-57	7/23	
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15430	-58	7/22	
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15431	-59	7/29	
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✓ P/P

15432	-60	7/26	
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20591-600	-61	8/1	15433
	-62	7/25	15434 ✓ P/P
	-63	7/22	15435 ✓ P/P
	-64	7/19	15436
	-65	8/1	15437
	-66	7/20	15438 ✓ P/P
	-67	7/23	15439
	-68	7/29	15440 ✓ P/P

B8255A1-69

15441

7/20

20591-600

✓
P/p

-70

15442

7/19

-71

15443

7/21

-72

15444

7/24

-73

15445

7/24

-74

15446

7/25

-75

15447

7/26

✓
P/p

-76

15448

7/26

✓
P/p

20591-600

-77

7/21

15449

1809

KCAI

7/26

15450

-78

8/1

15451

-79

7/26

15452

P/P ✓

-80

7/24

15453

-81

7/24

15454

P/P

-82

7/23

15455

P/P ✓

-83

7/22

15456

15457 B8255A1-84 7/25 20591-600

15458 -85 7/25
✓ Pip

15459 -86 7/25
✓ Pip

15460 -87 7/28
✓ Pip

15461 -88 7/26
✓ Pip

15462 -89 7/23

15463 -90 7/24

15464 -91 7/25

20591-600

-92

7/24

15465

✓
p/p

-93

7/25

15466

-94

7/24

15467

-95

7/26

15468

-96

7/26

15469

-97

7/25

15470

✓
p/p

-98

7/27

15471

-99

7/26

15472

15473	B8255A1-100	7/26	20591-600	
15474	BLMT	7/26	Fd	
15475	-101	7/26		
✓ Pp				
15476	-102	7/23		
15477	-103	7/25		
✓ Pp				
15478	-104	7/25		
15479	-105	7/25		
✓ Pp				
15480	-106	7/23		

20591-600

-107

7/24

15481

-108

7/24

15482

rip ✓

-109

7/21

15483

-110

7/18

15484

-111

7/24

15485

rip ✓

-112

7/23

15486

-113

7/24

15487

-114

7/19

15488

15489	B8255A1-115	7/21	20591-600
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15490	-116	7/23	
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✓ pip

15491	-117	7/24	
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✓ pip

15492	-118	7/25	
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15493	-119	7/23	
-------	------	------	--

15494	-120	7/28	
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15495	-121	7/25	
-------	------	------	--

15496	-122	7/25	
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✓ pip

20591-600

-123

7/24

15497

110

-124

7/27

15498

-125

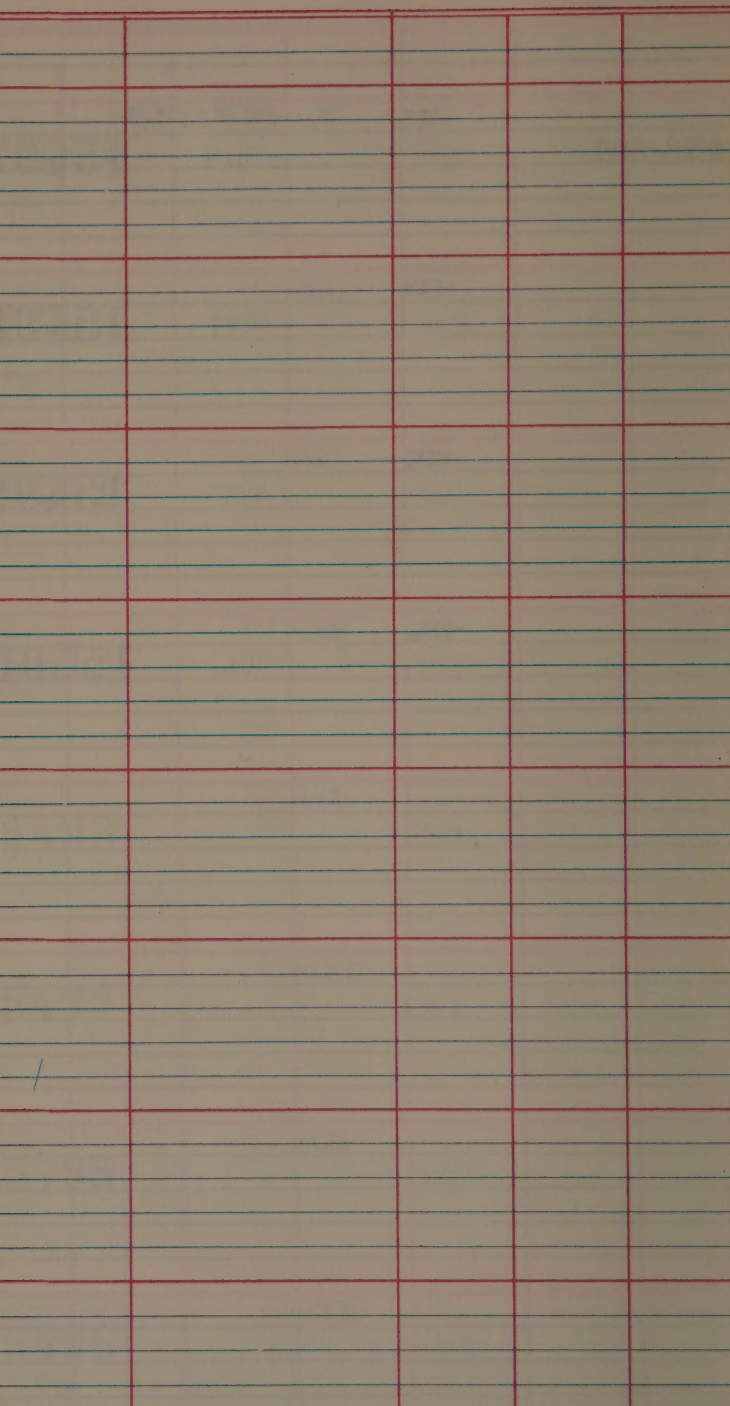
8/5

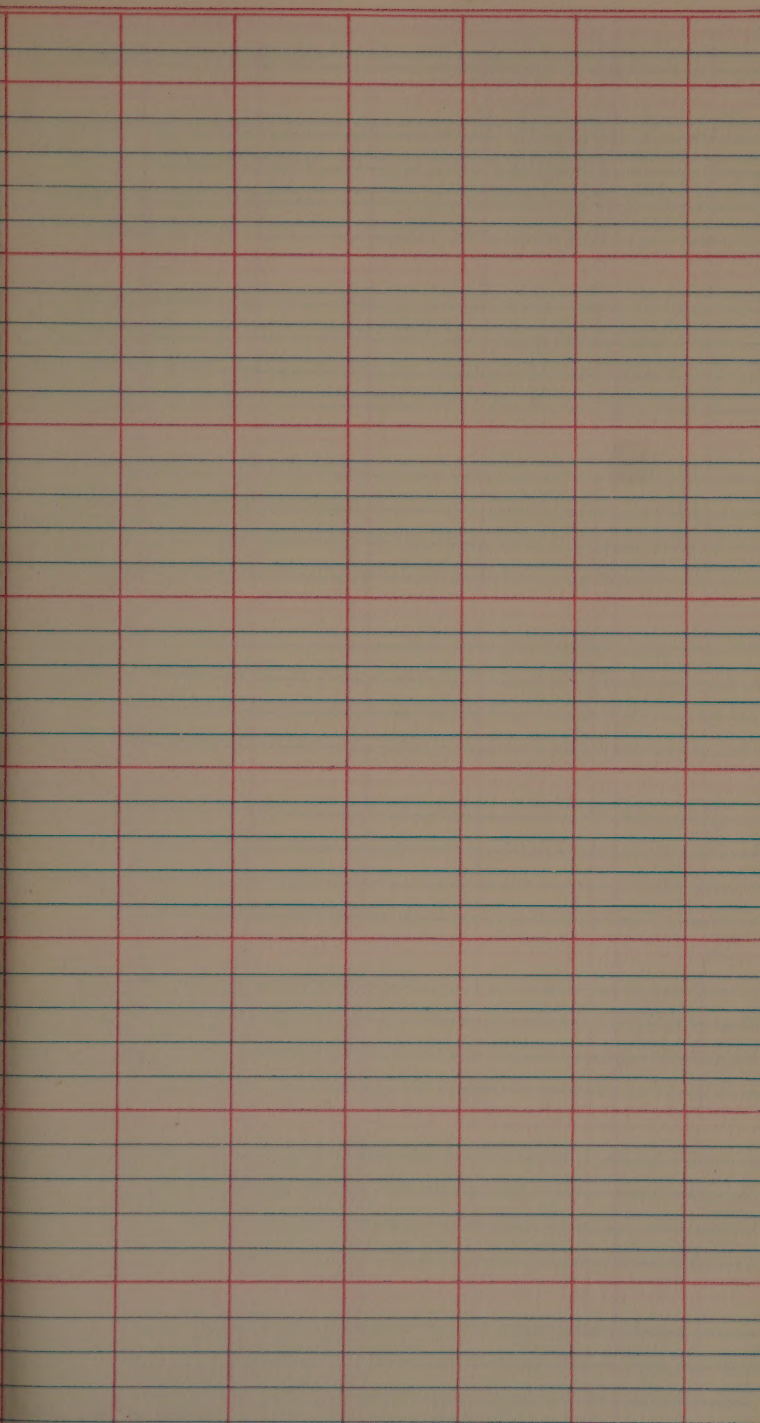
15499

-126

7/26

15500





$$C610A = 9881/331581//SKBT$$

$$B8268A = LEAH/LMNT * F_1 //NWRX$$

$$B8282A = LBNT//9881/331581/3/IR24 * F_1 /4/LMNT$$

$$B8267A = LEAH * 2/3/LBNT//9881/331581$$

$$B8272A = LEAH/8003050//LMNT$$

$$B8255A = BLMT/KCAI * F_1 //8003005$$

14918 IR-24

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK

AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

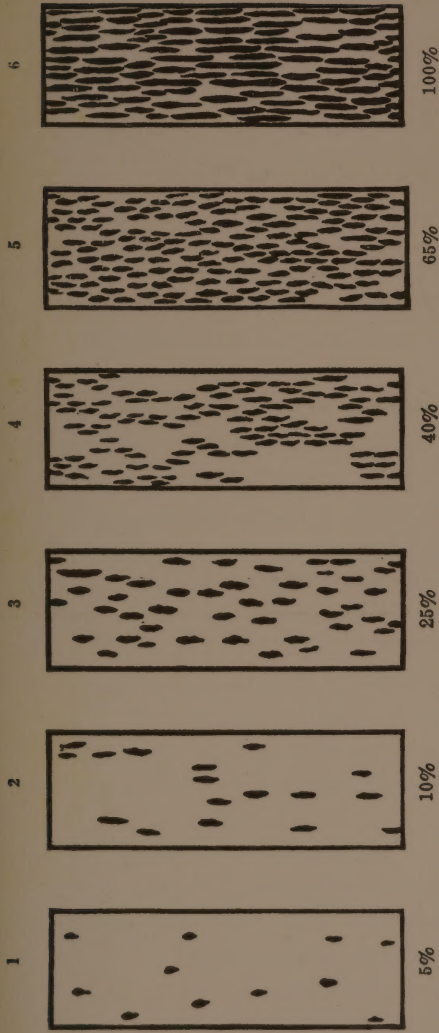
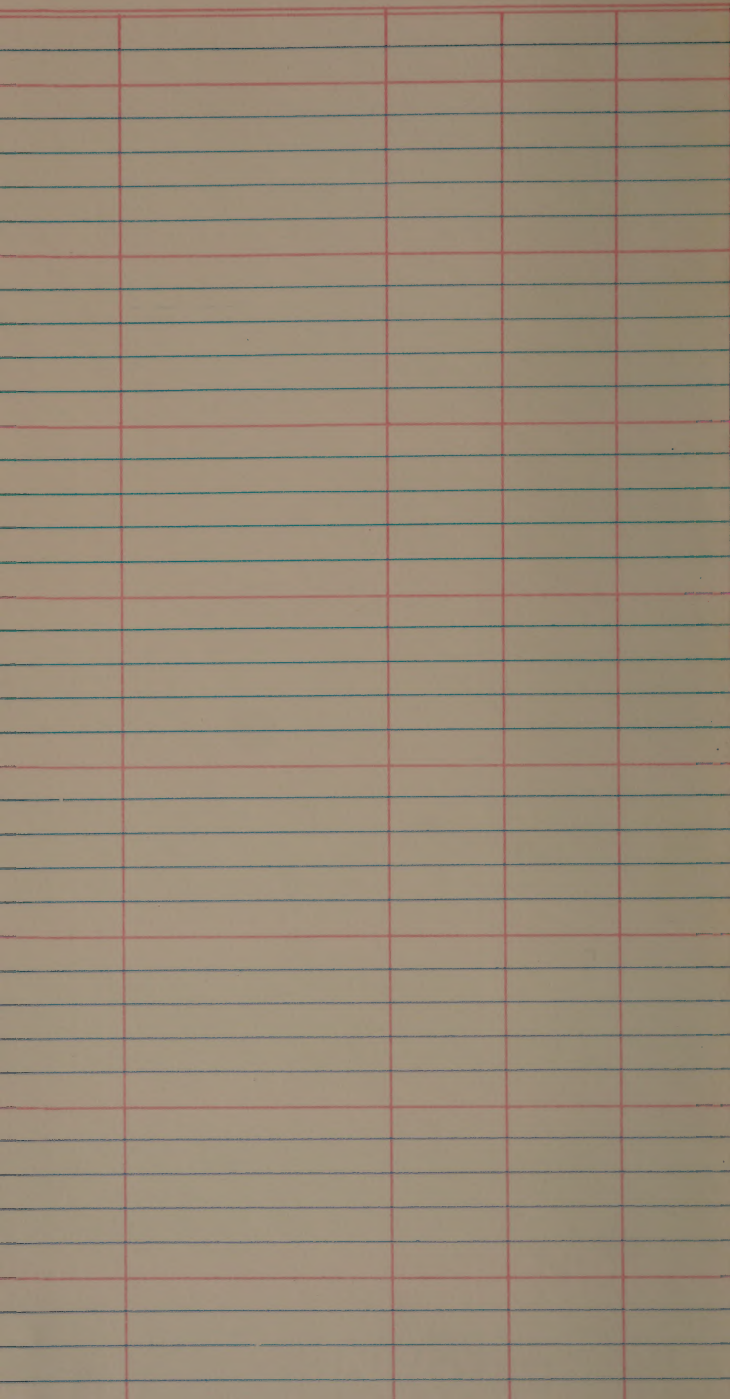


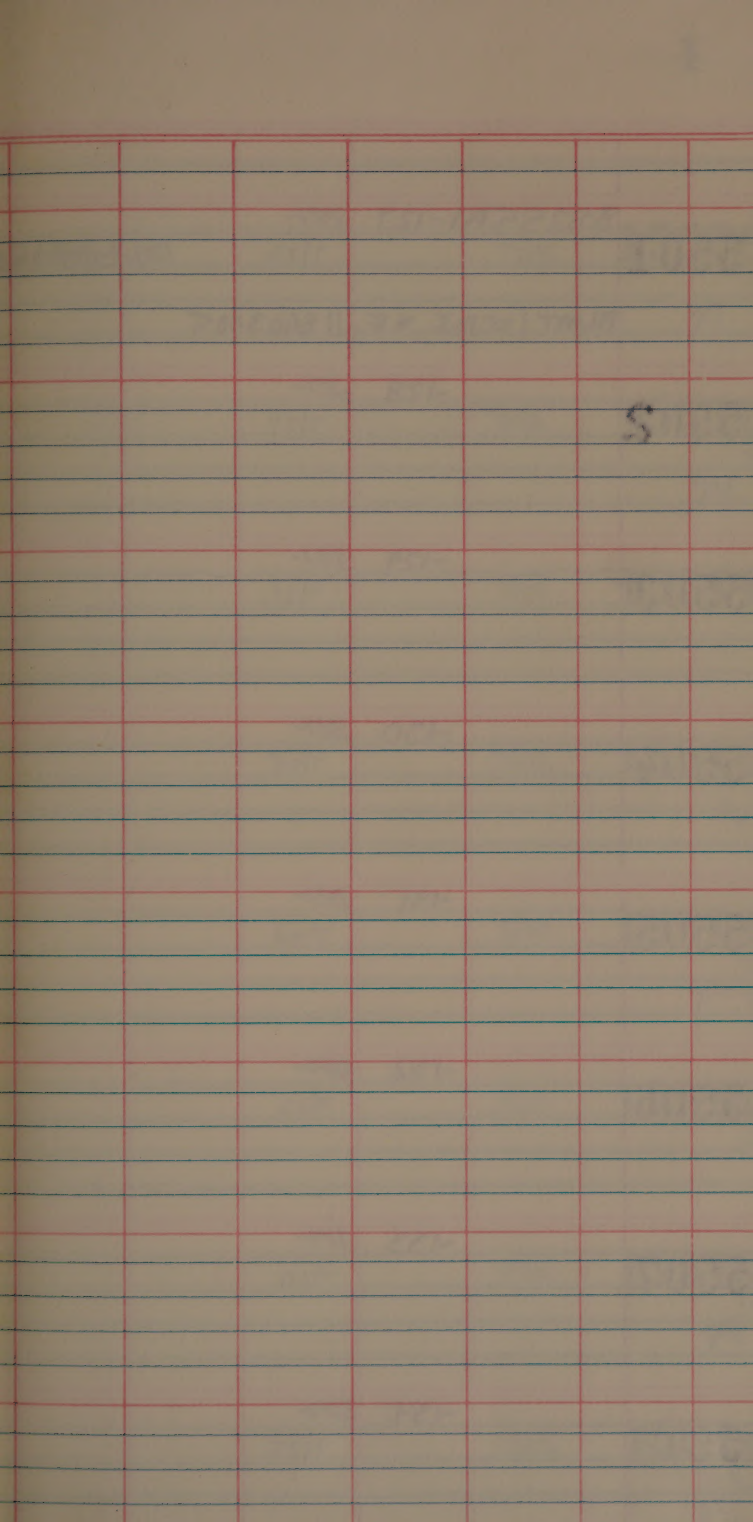
Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





15501	B8255A1-127	7/23	20591-60
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✓
PIP

BLMT/KCAI *F, //8003005

15502	-128	7/27
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✓
PIP

15503	-129	7/26
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15504	-130	7/25
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15505	-131	7/24
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✓
PIP

15506	-132	7/23
-------	------	------

15507	-133	7/20
-------	------	------

✓
PIP

15508	-134	7/25
-------	------	------

✓
PIP

20591-600	-135	7/25	15509
	-136	7/20	15510
	-137	7/24	15511
	-138	7/26	15512
	-139	7/20	15513
	-140	7/24	15514
	-141	7/26	15515
	-142	7/25	15516

15517	B8255A1-143	7/26	20591-600
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15518	-144	7/29	
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✓ P/P

15519	-145	7/24	
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✓ P/P

15520	-146	7/24	
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15521	-147	7/24	
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15522	-148	8/2	
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15523	-149	7/25	
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15524	-150	7/26	
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✓ ?

LMNT

Fa

8/2

15525

-151

8/1

15526

20591-600

-152

7/26

15527

-153

7/22

15528

-154

7/27

15529

-155

7/24

15530

-156

7/24

15531

P/P

-157

7/23

15532

P/P

B8255A1-158

15533

7/23

20591-600

15534

-159

7/26

15535

-160

7/24

15536

-161

7/22

15537

-162

7/25

15538

-163

7/23

15539

-164

7/25

15540

-165

8/2

20591-600	-166	7/22	15541
			pp ✓
	-167	7/26	15542
	-168	7/25	15543
	-169	7/19	15544
	-170	7/22	15545
			pp ✓
	-171	7/20	15546
			pp ✓
	-172	7/23	15547
			pp ✓
	-173	7/27	15548

15549	B8255A1-174	7/22	20591-600
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✓ PIP

15550	CICA-6	8/5	168
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15551	-175	7/25	
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✓ PIP

15552	-176	7/26	
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15553	-177	7/25	
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15554	-178	7/25	
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✓ PIP

15555	-179	8/3	
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15556	-180	7/24	
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✓ PIP

20591-600	-181	7/30	15557	pp ✓
	-182	7/27	15558	
	-183	7/27	15559	
	-184	7/26	15560	pp ✓
	-185	7/26	15561	pp ✓
	-186	7/24	15562	pp ✓
	-187	7/26	15563	
	-188	7/26	15564	

15565	B8255A1-189	7/28	20591-600
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15566	-190	7/28	
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15567	-191	7/28	
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✓ Pip

15568	-192	7/28	
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15569	-193	7/25	
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15570	-194	8/1	
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15571	-195	7/26	
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15572	-196	7/26	
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✓ Pip

20591-600	-197	7/26	15573
	-198	8/1	15574
16546	R08403113	7/20	15575 ★
	-199	7/27	15576
	-200	7/25	15577
	-201	7/26	15578 P/R ✓
	-202	7/25	15579
	-203	7/24	15580

15581	B8255A1-204	7/26	20591-600
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15582	-205	7/26	
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15583	-206	8/2	
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15584	-207	7/25	
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15585	-208	7/29	
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✓ PIP

15586	-209	7/24	
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15587	-210	7/26	
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15588	-211	7/26	
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✓ PIP

20591-600,	-212	7/25	15589
4960	PI 408449	8/2	15590
Shawn	BB50 * 2 / JILA	8/9	15591
"		8/9	15592
"	9/17	8/9	15593
"	6K	8/9	15594
"		8/9	15595
"		8/9	15596

Seeded: 5/10/85

15597	BB50*2 / JJLA	8/9	Shawn
15598	"	8/9	
15599	"	8/9	
15600	"	8/9	
15601	B7921A1-BK5-2-4 7903157 / MARS	7/23	19227
15602		-5 7/23	
15603		-6 7/23	
15604		-7 7/21	

-8

7/20

15605

B7921A1-BK5-5-4

19230

7/26

15606

-5

7/25

15607

-6

7/26

15608

-7

7/26

15609

-8

7/26

15610

B7921A1-BK5-6-4

19231

7/22

15611

-5

7/22

15612

15613

-6
7/21

15614

-7
7/20

15615

-8
7/21

15616

B7921A1-BK5-9-4

7/22

19234

15617

-5
7/20

15618

-6
7/22

15619

-7
7/20

15620

-8
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19236

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15668	B7921A1-Bigs - 30 - 4 7/26 25/1006	19256
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16642	-18 7/27	
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16643	-19 7/27	
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16644	-20 7/26	
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19184-94

-21

7/26

16645

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7/28

16646

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16647

-24

7/27

16648

-25

7/28

16649

Fd

~~LMNT~~

7/29

16650

-26

LMNT

8/1

16651

-27

7/26

16652

B8129A1-Bk₃-28

16653

7/25

19184-94

-29

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16654

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16656

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16657

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16659

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7/26

16660

19184-94

-36

7/26

16661

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7/24

16662

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7/26

16663

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7/26

16664

-40

7/26

16665

-41

7/26

16666

-42

7/27

16667

-43

7/25

16668

16669	B8129A1-Bk ₃ -44 7/27	19184-94
16670	-45 7/26	
16671	-46 7/27	
16672	-47 7/29	
16673	-48 7/28	
16674	-49 7/27	
16675	Mutica 7/25	Cogburn
16676	-50 7/29	

19184-94

-51

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16677

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16680

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7/30

16681

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16682

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16684

16685	B8129A1-Bk3-59 7/28	19184-94
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16686	-60 7/28	
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16687	-61 8/1	
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16688	-62 7/29	
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16689	-63 7/27	
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16690	-64 7/25	
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16691	-65 8/1	
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16692	-66 7/28	
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19184-94

-67

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16693

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16696

-71

8/4

16697

-72

8/3

16698

-73

8/1

16699

-74

8/4

16700

B8129A1-Bk₃-75

16701

7/28

19184-94-

16702

-76

8/10

16703

-77

8/7

16704

-78

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16705

-79

7/30

16706

-80

8/9

16707

-81

7/26

16708

-82

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19184-94

11-83 11/21 11/25

7/25

16709

-84

7/22

16710

-85

8/6

16711

-86

7/26

16712

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16713

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8/9

16714

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7/26

16715

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16716

16717

B8129A1-Bk3-91

7/28

19184-94

16718

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16719

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16720

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7/26

16722

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16723

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16724

-98

8/10

19184-94

-99

8/5

16725

-100

8/1

16726

-101

8/2

16727

-102

8/2

16728

-103

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16729

-104

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16730

-105

8/4

16731

LB NT

Fd

7/28

16732

16733

B8129A1-Bk3-106

8/1

19184-94

16734

-107

7/31

16735

-108

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16736

-109

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16737

-110

7/29

16738

-111

8/1

16739

-112

8/8

16740

-113

8/3

19184-94

-114

8/3

16741

-115

7/29

16742

-116

8/9

16743

-117

7/28

16744

-118

7/30

16745

-119

8/2

16746

-120

8/2

16747

-121

8/3

16748

16749	B8129A1-BK3-122		19184-94
16750		-123	
16751	RV8303046 46 is 16750.	8/4	HR
16752	B8129A1-BK4 LMNT/MTCA	8/1	19196-224 bis
16753		8/3	
16754		7/30	
16755		8/3	
16756		8/4	

19196-224
br

8/3

16757

8/2

16758

8/4

16759

8/4

16760

8/8

16761

8/5

16762

8/1

16763

8/2

16764

16765	B8129A1- Bky	812	19196-224 bk
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16766		813	
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16767		819	
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16768		819	
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16769		813	
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16770		813	
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16771		816	
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16772		818	
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B8129A1-Bky

19196-224

bk

7/31

16773

8/3

16774

7/26

16775

8/1

16776

7/29

16777

8/9

16778

8/4

16779

8/4

16780

16781

B8129A1-Bk4

8/8

19196-224
OK

16782

8/2

16783

8/1

16784

8/3

16785

8/2

16786

VSTA

8/2

19350

16787

B8129A1-Bk-40-Bk

8/2

18841

16788

-42-Bk

8/8

18843

18856	B8129A1-Bk-54-Bk	7/30	16789
18857	-55-Bk	8/3	16790
18859	-57-Bk	8/7	16791
18868	-66-Bk	8/1	16792
18872	-70-Bk	8/4	16793
18880	-77-Bk	7/29	16794
18882	-79-Bk	8/4	16795
18886	-83-Bk	8/5	16796

Seeded: 5/15/85

16797	B8129A1-BK-89-BK 8/6	18892
16798	-113-BK 8/5	18916
16799	-118-BK 7/31	18921
16800	-121-BK 8/1	18924
16801	-124-BK 8/1	18928
16802	-134-BK 7/30	18938
16803	-138-BK 7/31	18942
16804	-147-BK 7/26	18952

18953

-148-Bk

8/2

16805

18955

-150-Bk

8/1

16806

18977

-171-Bk

7/26

16807

18991

-185-Bk

8/1

16808

18997

-191-Bk

7/31

16809

18998

-192-Bk

8/1

16810

19013

-207-Bk

7/29

16811

19014

-208-Bk

8/5

16812

16813	B8129A1-Bk-215-Bk 8/5	19021
16814	-216-Bk 8/3	19022
16815	-221-Bk 7/28	19028
16816	-232-Bk 8/8	19039
16817	-234-Bk 7/29	19041
16818	-235-Bk 8/2	19042
16819	-237-Bk 7/29	19044
16820	-238-Bk 7/28	19045

19046		-239-Bk	8/1	16821	
19059		-251-Bk	7/26	16822	
19061		-253-Bk	8/1	16823	
19066		-258-Bk	8/2	16824	
19079		-270-Bk	7/26	16825	
19088		-279-Bk	7/27	16826	
19101		-292-Bk	8/2	16827	
19114		-305-Bk	8/1	16828	

16829	B8129A1-Bk-314-Bk 7/30	19123
16830	-319-Bk 8/2	19129
16831	-321-Bk 8/1	19131
16832	-333-Bk 7/29	19143
16833	-334-Bk 7/27	19144
16834	-352-Bk 8/2	19163
16835	-357-Bk 8/1	19168
16836	-363-Bk 8/2	19174

Fd BLMT

8/2

16837

B8258A1

21055-60

8/5

16838

bk

MTCA/BLMT * F₁//LMNT

8/4

16839

8/4

16840

8/4

16841

8/5

16842

8/5

16843

8/5

16844

B8258A1 -

16845

8/3

21055-60

16846

8/4

16847

7/29

16848

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16849

8/6

16850

8/5

16851

8/3

16852

8/3

B8258A1-

21055-60

8/5

16853

7/28

16854

8/5

16855

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16856

8/5

16857

8/2

16858

8/3

16859

8/1

16860

16861	B8258A1-	8/5	21055-60
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16862		8/3	
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16863		8/4	
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16864		8/3	
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16865		8/3	
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16866		8/3	
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16867		8/5	
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16868		8/2	
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B8258A1-

21055-60

8/3

16869

8/4

16870

mutica

Cagburn

7/26

16871

B8164A1-1

20545-69

7/21

16872

VSTA/LBNT//L-201

-2

7/23

16873

-3

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16874

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16875

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16876

B8164A1-6

16877

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20545-69

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16878

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16879

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16880

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16881

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-11

16882

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-12

16883

8/5

-13

16884

7/27

20545-69

-14

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16885

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8/1

16886

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7/23

16887

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7/24

16888

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7/29

16889

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16890

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16891

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16892

16893	B8164A1-22	7/29	20545-6A
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16894	-23	7/23
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16895	-24	7/25
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16896	-25	7/28
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16897	-26	7/29
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16898	-27	7/26
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16899	-28	7/29
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16900	-29	7/27
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20545-69

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16901

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16902

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16903

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16904

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7/27

16905

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16906

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16907

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16908

16909	B8164A1-38	7/22	20545-69
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16910	-39	7/23	
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16911	-40	7/23	
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16912	-41	7/25	
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16913	-42	7/20	
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16914	-43	7/23	
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16915	-44	7/27	
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16916	-45	7/25	
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20545-69

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16917

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16918

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16922

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16923

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16924

16925	L-201	7/25	10952
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16926	B8164A1-54	7/27	
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16927	-55	7/23	
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16928	-56	7/22	
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16929	-57	7/26	
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16930	-58	7/26	
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16931	-59	7/25	
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16932	-60	7/25	
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20545-69

-61

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16933

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7/28

16937

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7/28

16940

16941	BS164A1-69	7/27	20545-69
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16942	-70	7/28	
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16943	-71	7/28	
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16944	-72	7/26	
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16945	-73	7/25	
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16946	-74	7/26	
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16947	-75	7/20	
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16948	-76	7/23	
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20545-69

-77

7/22

16949

Fd

LBNT

8/1

16950

-78

7/27

16951

-79

7/27

16952

-80

7/23

16953

-81

7/23

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-82

7/29

16955

-83

7/28

16956

16957	B8164A1-84	7/28	20545-69
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16958	-85	7/22	
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16959	-86	7/26	
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16960	-87	7/26	
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16961	-88	7/25	
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16962	-89	7/22	
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16963	-90	7/24	
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16964	-91	7/26	
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20545-69

-92

7/23

16965

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16966

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16967

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-96

7/28

16969

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16970

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16971

-99

7/27

16972

16973	B8164A1-100	7/27	20545-69
16974	-101	7/26	
16975	-102	8/1	
16976	-103	7/25	
16977	-104	7/27	
16978	VSTA	7/26	19350
16979	B8164A1-BK	7/23	20545-69 BK
16980		7/23	

B8164A1-B1K

20545-69

b1c

7/26

16981

7/23

16982

7/23

16983

7/23

16984

7/23

16985

7/23

16986

7/23

16987

7/23

16988

16989

7/23

20545-69
bk

16990

7/20

16991

PI 408449

8/6

4960

16992

C626A-BK6-1

8/1

19802-49

SKBT/7701074

16993

-2

8/2

16994

-3

8/2

16995

-4

8/3

16996

-5

8/3

-6

8/2

16997

-7

7/31

16998

-8

8/1

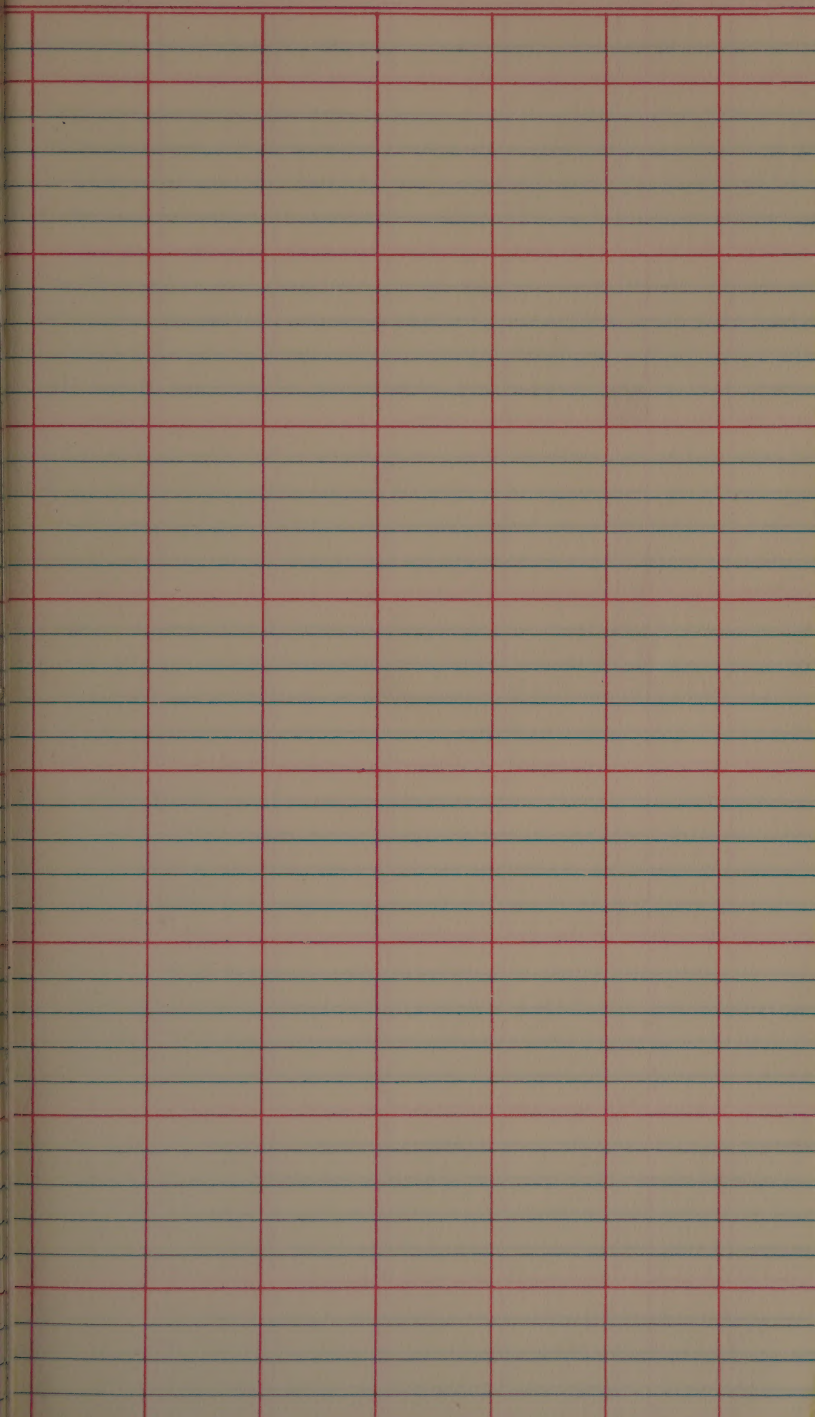
16999

-9

8/2

17000

[illegible]



OK

B8255A1 = BLMT/KCAI * F₁ // 8003005

B7921A = 7903157/MARS

B8285A = ESD7/8102044 * F₁ // LBLE-X2-2
/ BJ-1 * F₁

B8129A = LMNT/MTCA

B8258A = MTCA/BLMT * F₁ / LMNT

B8164A = VSTA/LBNT // L-201

C626A = SKBT/7701074

→ 16743 → MTCA
built 8/9
no in cross

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

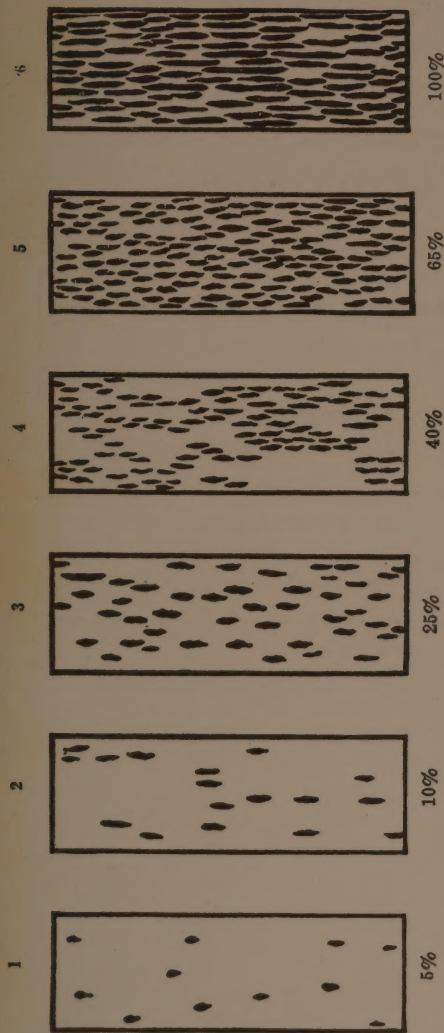
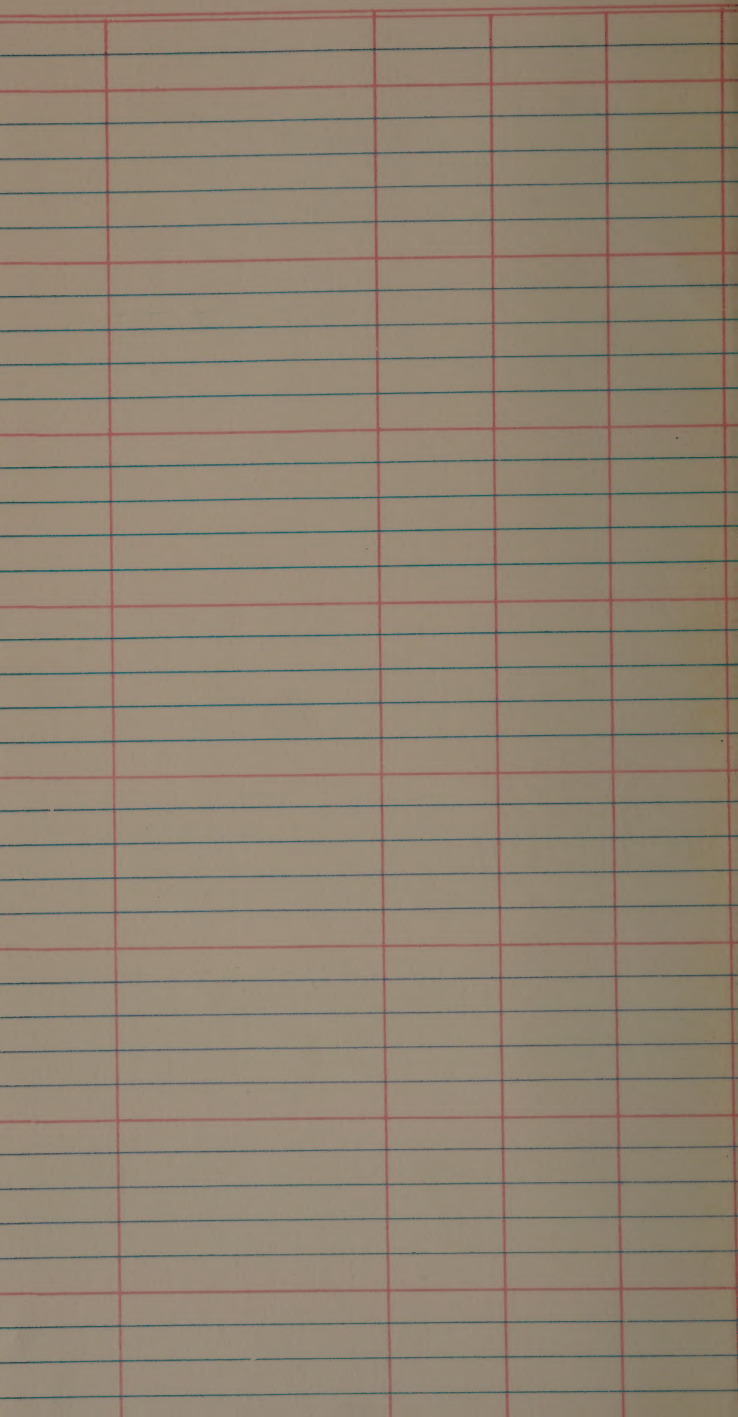
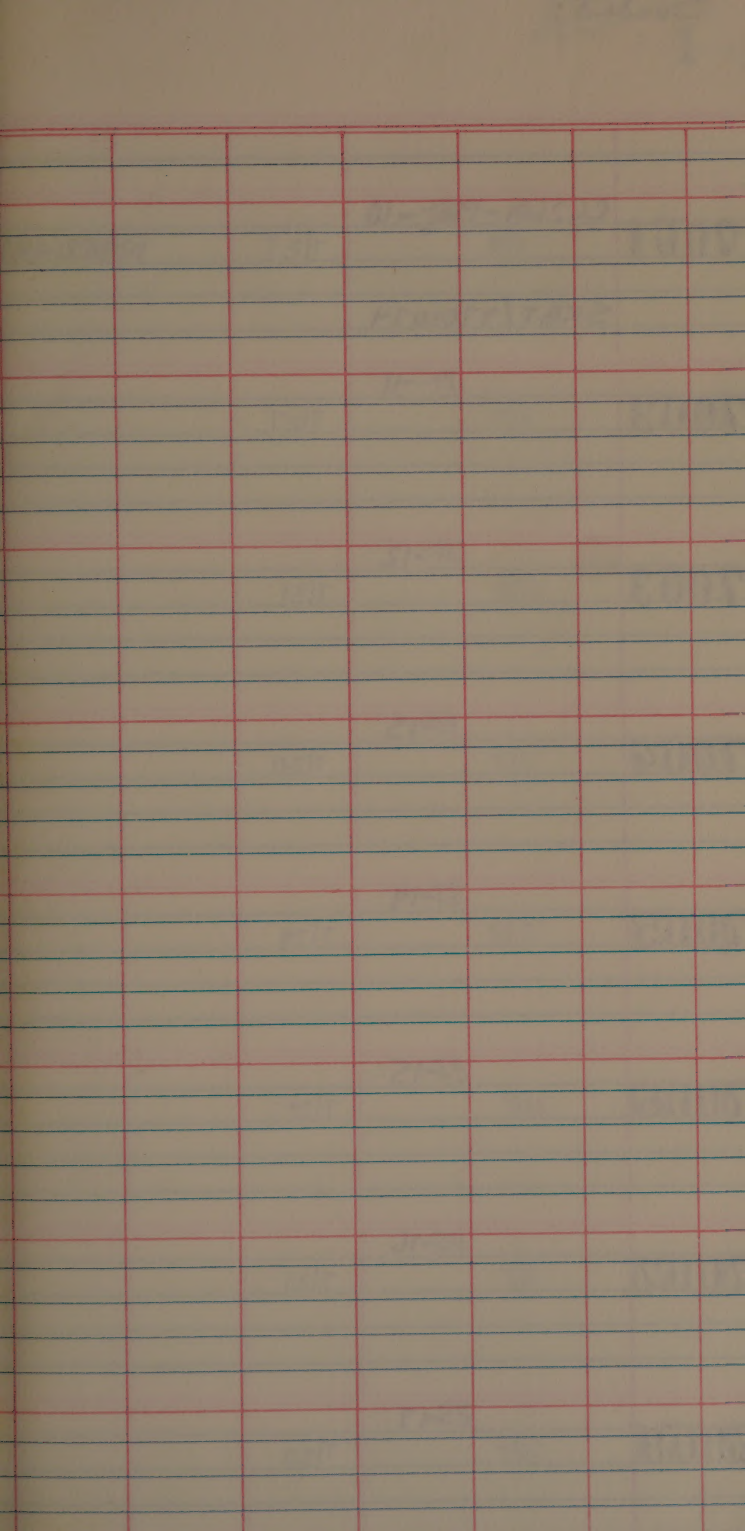


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





17001	C626A-BK ₆ -10	7/27	19802-49
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	SKBT/7701074		
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17002	-11	7/27	
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17003	-12	7/31	
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17004	-13	7/30	
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17005	-14	7/29	
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17006	-15	7/29	
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17007	-16	7/31	
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17008	-17	7/30	
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19802-49

-18

8/1

17009

-19

8/1

17010

-20

7/31

17011

-21

8/3

17012

-22

8/5

17013

-23

7/31

17014

-24

8/1

17015

-25

8/5

17016

17017	C626A-Bry-26	8/1	19802-49
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17018	-27	8/1
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17019	-28	8/2
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17020	-29	7/30
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17021	-30	8/1
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17022	-31	7/27
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17023	-32	7/28
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17024	-33	8/1
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Fa SKBT

8/1

17025

-34

7/31

17026

-35

7/30

17027

-36

8/1

17028

-37

7/30

17029

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7/30

17030

-39

8/2

17031

-40

8/2

17032

17033	C626A-BK6-41	8/1	19802-49
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17034	-42	7/30
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17035	-43	7/30
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17036	-44	7/29
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17037	-45	8/1
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17038	-46	7/31
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17039	-47	7/28
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17040	-48	8/1
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19802-49

-49

7/28

17041

-50

7/29

17042

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8/8

17043

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7/29

17044

-53

8/1

17045

-54

7/30

17046

-55

7/29

17047

-56

8/3

17048

17049	C626A-BK ₆ -57	7/31	19802-49
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17050	RU7701074	8/3	10152
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17051	-58	8/1	
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17052	-59	7/31	
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17053	-60	7/29	
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17054	-61	8/1	
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17055	-62	7/31	
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17056	-63	8/3	
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19802-49

-64

7/31

17057

-65

7/30

17058

-66

7/28

17059

-67

8/1

17060

-68

7/30

17061

-69

7/31

17062

-70

8/3

17063

-71

8/2

17064

17065	C626A-BK ₆ -72	7/31	19802-49
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17066	-73	8/1
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17067	-74	8/1
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17068	-75	7/30
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17069	-76	7/29
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17070	-77	7/30
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17071	-78	7/28
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17072	-79	8/2
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19802-49	-80	7/31	17073
	-81	8/2	17074
Fd LBLE		7/25	17075
	-82	8/1	17076
	-83	8/1	17077
	-84	8/1	17078
	-85	7/31	17079
	-86	7/31	17080

17081	C626A-BK6-87	7/29	19802-49
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17082	-88	7/31	
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17083	-89	7/30	
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17084	-90	7/31	
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17085	-91	8/1	
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17086	-92	8/1	
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17087	-93	8/4	
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17088	-94	7/30	
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19802-49

-95

7/29

17089

-96

8/1

17090

-97

7/31

17091

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8/2

17092

-99

8/3

17093

-100

8/3

17094

-101

7/29

17095

-102

8/3

17096

C626A-BK6-103

17097

8/1

19802-49

-104

17098

7/30

-105

17099

8/1

-106

17100

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-107

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17129	C626A-Bx ₆ -134	8/2	19802-49
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17131	-136	8/3	
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17132	-137	7/30	
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17134	-139	7/30	
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17135	-140	8/4	
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17136	-141	7/29	
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17161 C626A-BK6-165 8/1 19802-49

17162 -166 7/29

17163 -167 7/28

17164 -168 7/30

17165 -169 7/30

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17167 -171 8/4

17168 -172 7/28

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17181	-184	8/1	
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17182	-185	8/1	
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17183	-186	7/31	
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17184	-187	8/1	
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17196	-199	8/1	
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17197	-200	8/4	
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17199	-202	8/5	
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17201

DAWN/331581

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17202

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BT725A1-

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15682

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17300

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17321	8/6	17178
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17323	8/6	
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17325	8/6	
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17326	RU7502076 8/4	4965
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PI 372041

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	PI 372056			
17387		7/30		4962
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	RU7802098			
17391				4971
17392				"

13-D

4990

17393

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RU7703012

4988

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17395

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4992

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17398

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17399

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17400

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17402		8/6		
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	-4			
17404		7/28		
	-5			
17405		7/23		
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17406		7/23		
	-7			
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	-8			
17408		7/28		

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17417	B8177A1-17	7/24	21084-100	
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17419	-19	7/23		
17420	-20	7/28		
17421	-21	7/27		
17422	-22	8/1		
17423	-23	7/24		
17424	-24	7/26		

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17433	B8177A1-32	7/21	21084-100
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17434	-33	7/26	
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17435	-34	7/25	
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17436	-35	7/25	
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17437	-36	7/23	
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17438	-37	7/20	
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17439	-38	7/28	
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17440	-39	8/3	
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21084-100	-40	7/28	17441
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	-47	7/21	17448

17449	B8177A1-48	7/20	21084-100	
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17451	-49	7/29		
17452	-50	7/21		
17453	-51	7/26		
17454	-52	7/26		
17455	-53	7/25		
17456	-54	7/27		

21084-100	-55	7/30	17457
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	-61	7/28	17463
	-62	7/25	17464

B8177A1-63

17465

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21084-100

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21084-100	-71	7/28	17473
	-72	7/24	17474
33 MARS		8/1	17475
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	-74	7/26	17477
	-75	7/26	17478
	-76	7/30	17479
	-77	7/30	17480

17481	B8177A1-T8	7/28	21084-100	
17482	-79	7/28		
17483	-80	7/25		
17484	-81	7/28		
17485	-82	7/26		
17486	-83	7/28		
17487	-84	8/3		
17488	-85	7/24		

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17497	B8177A1-94	8/1	21084-100
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17498	-95	7/25	
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17499	-96	7/25	
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17500	-97	7/25	
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17501	-98	8/4	
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17502	-99	7/29	
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17503	-100	7/27	
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17504	-101	7/20	
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21084-100	-102	7/21	17505
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	-108	8/4	17511
	-109	7/20	17512

17513	B8177A1-110	8/3	21084-100
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17514	-111	7/20	
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17515	-112	7/20	
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17516	-113	7/21	
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17517	-114	7/26	
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17518	-115	7/26	
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17519	-116	7/24	
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17520	-117	7/26	
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21084-100	-118	7/27	17521
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	-121	7/31	17524
25655-56	T(N) 1	8/4	17525
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	-123	7/25	17527
	-124	7/29	17528

17529	B8177A1-125	7/23	21084-100
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17530	-126	7/24	
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17531	-127	7/25	
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17532	-128	7/24	
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17533	-129	7/24	
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17534	-130	7/28	
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17535	-131	7/26	
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17536	-132	7/29	
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21084-100	-133	813	17537
	-134	7127	17538
	-135	7130	17539
	-136	7127	17540
	-137	7128	17541
	-138	7123	17542
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	-140	7121	17544

17545	B8177A1-141	7/22	21084-100
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17546	-142	7/27	
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17547	-143	8/1	
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17548	-144	7/25	
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17549	-145	7/23	
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17550	LA 110	8/4	199
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17551	-146	7/25	
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17552	-147	7/31	
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17561	B8177A1-156	7/20	21084-100
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17563	-158	7/21	
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17564	-159	7/29	
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17565	-160	7/26	
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17566	-161	7/25	
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17567	-162	7/28	
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17568	-163	7/23	
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17577	B8177A1-171	7/24	21084-100
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17579	-173	7/28	
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17580	-174	7/28	
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17581	-175	7/26	
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17582	-176	7/28	
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17583	-177	7/28	
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17584	-178	7/30	
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17593	B8177A1-187	8/2	21084-100
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17594	-188	7/29	
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17595	-189	7/28	
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17597	-191	8/4	
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17598	-192	7/28	
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17599	-193	8/1	
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17600	-194	7/30	
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21084-100

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17601

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21084-100

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17625	B8177A1-219	7/28	21084-100
17626	-220	7/24	
17627	-221	7/27	
17628	-222	7/29	
17629	-223	7/28	
17630	-224	7/29	
17631	PCOS	7/28	Fd
17632	B8177A1-Bk	7/22	21084-100 bk

B8177A1-Bk

21084-100

bx

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17641	B8177A1- Bk	7/22	21084-100 Bk
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17642		7/21	
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17643		7/22	
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17644		7/21	
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17645		7/22	
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17646		7/22	
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17648		7/22	
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17652

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17666

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17669

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17670

BTT10A2-

14722

8/6

17671

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17672

17673

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17674

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17675

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17676

LBNT

8/4

Fd

17677

B7710A2-

8/3

14753

17678

8/3

17679

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17680

8/1

8/2

17681

B7710A2-

14772

8/4

17682

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17683

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17684

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17685

8/3

17686

B7710A2-

14789

8/3

17687

8/1

17688

17689

7/30

17690

8/1

17691

8/2

17692

B7710A2-

8/3

14807

17693

7/31

17694

7/30

17695

8/1

17696

8/4

B7710A2-

14816

8/6

17697

8/1

17698

8/5

17699

8/4

17700

8/3

17701

B7710A2-

14829

8/3

17702

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17703

8/3

17704

17705

8/3

17706

8/1

17707

B7710A2-

8/3

14859

17708

8/2

17709

8/4

17710

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17711

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17712

B7710A2-

8/3

14871

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17713

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17714

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17715

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17716

B7710A2-
14920

8/1

17717

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17718

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17719

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17720

17721

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17722

PI 331581

8/6

4989

17723

B7710A2-Bk₂-139-4-3-1

8/2

14943

17724

8/3

-2

17725

8/2

-3

17726

8/2

-4

17727

8/3

-5

17728

B7710A2-Bk₆-32-1

8/3

14988

-2

8/3

17729

-3

8/3

17730

-4

8/3

17731

-5

8/3

17732

B7710A2-BK₆-41-1

14997

8/3

17733

-2

8/3

17734

-3

8/2

17735

-4

8/4

17736

Orange leaves

17737

-5

8/4

17738

B7710A2-BK6-71-1

8/3

15028

17739

-2

8/5

17740

-3

8/6

17741

-4

8/6

17742

-5

8/6

17743

B7710A2-BK6-106-1

8/4

15064

17744

-2

8/5

-3

8/4

17745

-4

8/4

17746

-5

8/3

17747

B7710A2-Big-114-1

15072

8/3

17748

-2

8/3

17749

-3

8/1

17750

-4

8/3

17751

-5

8/2

17752

17753	CB 801	8/9	CB
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17754	B7710A2-BK ₆ -126-1	8/3	15085
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17755	-2	8/3	
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17756	-3	8/3	
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17757	-4	8/3	
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17758	-5	8/2	
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17759	B7710A2-BK ₆ -161-1	8/3	15120
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17760	-2	8/3	
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-3

8/3

17761

-4

8/3

17762

-5

8/3

17763

B7710A2-BK₆-166-1

15126

7/31

17764

-2

8/2

17765

-3

8/5

17766

-4

8/4

17767

-5

8/3

17768

17769	B7710A2-BK ₆ -179-1	7/30	15139
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17770	-2	7/31	
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17771	-3	7/30	
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17772	-4	7/30	
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17773	-5	8/1	
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17774	RV8303046	8/1	HR
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17775	B7710A2-BK ₆ -262-1	8/3	15224
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17776	-2	8/2	
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-3

8/4

17777

-4

8/3

17778

-5

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17779

BTT10A2-BK-285-1

15247

8/3

17780

-2

8/3

17781

-3

8/4

17782

-4

8/4

17783

-5

8/3

17784

Orange leaves

17785	BTT10A2-BK ₆ -305-1	7/31	15268
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17786		-2 8/2	
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17787		-3 7/31	
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17788		-4 7/31	
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17789		-5 7/31	
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17790	BTT10A2-BK ₆ -422-1	7/31	15389
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17791		-2 8/2	
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17792		-3 8/1	
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orange leaves

-4

8/2

17793

-5

8/3

17794

32

RU8303169

8/2

17795

4959

Basmati 370

17796

"

17797

"

17798

Brid

"

17799

"

17800

17801

7/28

23621-25

bk

7703008³/7402003

17802

7/27

17803

7/27

17804

7/27

17805

7/27

17806

7/26

17807

7/26

17808

7/27

23621-25

bx

7/27

17809

7/27

17810

7/27

17811

7/28

17812

7/27

17813

7/27

17814

7/28

17815

7/29

17816

17817

7/27

23621-25

bk

17818

7/27

17819

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17820

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17821

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17822

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17823

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17824

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3627

RU 7703008

8/6

17825

23627-31

bk

7/28

17826

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17827

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17828

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17829

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17830

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17831

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17832

17833

7/26

23627-31

bk

17834

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17835

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17836

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17837

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17838

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17839

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17840

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23627-31
bk

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17841

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17842

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17843

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17844

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17845

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17846

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17847

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17848

17849

7/27

23627-31

bk

17850

RU7402003

7/28

4964

17851

7/27

23642-51

bk

17852

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17853

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17854

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17855

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17856

7/27

23642-51

bk

7/27

17857

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17858

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17859

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17860

7/27

17861

7/26

17862

7/27

17863

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17864

17865

7/25

23642-51

bk

17866

7/27

17867

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17868

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17869

7/27

17870

7/26

17871

7/26

17872

7/23

23642-51

bx

7/27

17873

7/27

17874

LBLE

Fd

7/27

17875

23653-62

bx

7/26

17876

7/25

17877

7/25

17878

7/26

17879

7/27

17880

17881

7/25

23653-62

bic

17882

7/25

17883

7/25

17884

7/25

17885

7/26

17886

7/24

17887

7/25

17888

7/24

23653-62

bk

7/25

17889

7/23

17890

7/24

17891

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17892

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17893

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17894

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17895

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17896

17897

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23653-62
bk

17898

7/25

17899

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17900

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17901

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23684-93
bk

17902

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17903

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17904

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23684-93
bk

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17905

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17906

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17909

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23684-93
bk

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17920

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23684-93

bx

7/27

17921

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17922

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17923

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17924

TBNT

AR Fd

7/29

17925

23735-44

bx

7/26

17926

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17927

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17928

17929

7/27

23735-44

bk

17930

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17931

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17932

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17933

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17934

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17935

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17936

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23735-44

bk

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17937

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17938

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17939

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17940

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17941

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17942

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17943

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17944

17945

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23735-44

bk

17946

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17947

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17948

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17949

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17950

L-202

7/29

119

17951

7/29

23756-65

bk

17952

7/30

23756-65

bx

7/29

17953

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17954

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17960

17961

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23756-65
bk

17962

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17963

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17964

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17965

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17967

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17968

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23756-65

bx

7/30

17969

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17970

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17971

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17972

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17973

7/30

17974

SKBT

Fd

7/31

17975

23777-85

bx

7/26

17976

17977

7/24

23777-85

bk

17978

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17979

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17980

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17981

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17982

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17983

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17984

7/23

23777-85

bx

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17985

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17986

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17987

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17989

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17990

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17991

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17992

17993

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23777-85
bx

17994

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17995

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17996

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17998

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17999

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18000

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23786-95

bk

7/30

18001

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18002

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18003

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18004

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18005

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18006

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18007

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18008

18009

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23786-95
bk

18010

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18011

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18012

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18013

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18014

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18015

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18016

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23786-95
bk

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18017

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18018

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18019

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18020

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18021

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18022

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18024

	BOND		
18025		7/29	AR Fd
18026		7/27	23796-805 bks
18027		7/25	
18028		7/29	
18029		7/27	
18030		7/27	
18031		7/28	
18032		7/28	

23796-805

bx

7/28

18033

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18038

7/28

18039

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18040

18041

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23796-805

bk

18042

7/25

18043

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18044

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18045

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18046

7/27

18047

7/29

18048

7/29

23796-805

bk

7/27

18049

ELBL

5775

7/14

18050

23806-15

bk

7/26

18051

7/27

18052

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18053

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18054

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18055

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18056

18057

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23806-15
bk

18058

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18059

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18060

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18061

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18062

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18063

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18064

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23806-15

bk

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18065

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18066

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18067

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18068

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18069

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18070

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18071

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18072

18073

7/24

23806-15

bx

18074

7/24

18075

RU8003005

7/28

HR

18076

7/31

23827-36

bx

7703008³/1801067

18077

7/30

18078

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18079

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18080

7/31

23827-36

bk

7/30

18081

8/1

18082

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18083

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18084

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18085

8/1

18086

7/29

18087

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18088

18089

7/30

23827-36

b/c

18090

7/30

18091

8/1

18092

8/1

18093

8/1

18094

7/31

18095

8/1

18096

8/3

23827-36

bk

8/4

18097

8/3

18098

8/4

18099

8/6

18100

23858-67

bk

8/3

18101

7/31

18102

7/29

18103

7/30

18104

18105

8/1

23858-67

bk

18106

7/29

18107

7/29

18108

7/31

18109

7/27

18110

7/31

18111

8/2

18112

8/2

23858-67

bx

8/2

18113

7/27

18114

7/31

18115

7/30

18116

8/1

18117

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18118

8/1

18119

7/31

18120

18121	7/30	23858-67 bk
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18122	7/26	
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18123	8/1	
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18124	8/1	
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18125	RU 7801067 8/3	4970
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18126	8/3	23879-88 bk
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18127	8/2	
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18128	8/1	
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23879-88

bk

8/2

18129

8/2

18130

8/1

18131

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18134

8/2

18135

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18136

18137

8/3

23879-88

bk

18138

8/2

18139

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18140

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18141

8/3

18142

8/2

18143

8/3

18144

7/31

23879-88

bk

8/3

18145

8/2

18146

8/1

18147

8/2

18148

8/2

18149

RU7703008

3627

8/6

18150

23919-28

bk

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18151

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18152

18153

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23919-28
bx

18154

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23919-28

bk

7/29

18161

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18162

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18163

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18164

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18167

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18169		7/30	23919-28 bk
18170		7/29	
18171		7/31	
18172		7/30	
18173		7/30	
18174		7/30	
18175	LMNT	8/6	Fd
18176		7/29	23940-49 bk

23940-49
bk

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18177

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18184

18185

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23940-49

bk

18186

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18191

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18192

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23940-49
bx

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18193

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18199

8/1

18200

18201

8/1

23982-88
bk

18202

7/31

18203

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18204

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18205

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18206

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18208

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23982-88
bk

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18209

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18210

8/1

18211

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18212

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18213

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18214

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18215

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18216

18217

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23982-88
bk

18218

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18219

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18220

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18221

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18222

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18223

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18224

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RU8403113

16546

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18225

24002-11

bk

7/29

18226

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18227

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18230

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18231

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18232

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24002-11
br

18234

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18235

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24002-11
bk

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18241

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18249	7/29	24002-11 bk
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18250	7/28	LBLE Fd
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18251	7/31	24054-63 bk
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18252	7/31	
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18253	7/31	
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18254	7/31	
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18255	7/30	
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18256	7/31	
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24054-63

8/1

18257

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18258

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18263

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18264

18265

8/1

24054-63

18266

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18267

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18268

8/1

18269

8/1

18270

8/1

18271

8/1

18272

8/1

24054-63 bk		7/31	18273
		8/1	18274
Fd	SKBT	8/2	18275
24064-73 bk		8/1	18276
		7/31	18277
		7/31	18278
		7/29	18279
		7/31	18280

18281		7/31	24064-73
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18282		7/29	
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18283		8/1	
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18284		7/30	
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18285		8/1	
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18286		7/31	
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18287		7/30	
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18288		7/31	
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24064-73
bk

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18289

8/1

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8/1

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18294

8/1

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18296

18297

8/2

24064-73

bk

18298

8/6

18299

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18300

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18301

8/6

24074-83

bk

18302

8/1

18303

8/2

18304

8/1

24074-83
bk

8/1

18305

7/31

18306

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18307

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18308

8/3

18309

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18310

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18311

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18312

18313

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24074-83
br

18314

8/1

18315

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18316

7/31

18317

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18318

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18319

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18320

8/1

24074-83
bk

8/1

18321

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18322

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18323

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18324

AR Fd NWBT

8/9

18325

24126-35
bk

8/4

18326

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18327

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18329

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24126-35

18330

8/1

18331

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18332

8/1

18333

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18334

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18335

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18336

8/1

24126-35

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18337

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18338

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18339

8/1

18340

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18341

8/1

18342

8/1

18343

7/31

18344

18345

8/1

24126-35

18346

7/31

18347

7/31

18348

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18349

8/1

18350

LBLE-X²-2

7/31

3800

18351

7/31

24157-66

18352

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24157-66
bk

7/29

18353

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18360

18361

7/30

24157-66
bk

18362

7/31

18363

7/31

18364

7/30

18365

7/30

18366

7/30

18367

7/30

18368

7/29

24157-66
bk

7/30

18369

7/30

18370

7/30

18371

7/31

18372

7/30

18373

7/30

18374

32

RU8303169

8/2

18375

24218-27

bk

7/26

18376

1703008³/LBLE

18377

7/25

24218-27
bk

18378

7/24

18379

7/24

18380

7/23

18381

7/24

18382

7/24

18383

7/25

18384

7/24

24218-27

bk

7/25

18385

7/25

18386

7/24

18387

7/24

18388

7/24

18389

7/24

18390

7/24

18391

7/24

18392

18393

7/24

24218-27

bx

18394

7/24

18395

7/25

18396

7/24

18397

7/25

18398

7/25

18399

7/29

18400

7/30

24239-49

bk

7/30

18401

7/30

18402

7/29

18403

8/1

18404

7/30

18405

7/30

18406

7/31

18407

7/31

18408

18409

7/29

24239-49
bk

18410

7/31

18411

7/30

18412

7/30

18413

7/30

18414

7/29

18415

7/26

18416

7/29

24239-49
bk

7/28

18417

7/29

18418

7/29

18419

CB

CB-801

8/4

18420

24404-13
bk

7/30

18421

7/29

18422

7/31

18423

8/1

18424

18425

8/1

24404-13
bk

18426

7/31

18427

7/30

18428

7/29

18429

7/28

18430

7/28

18431

7/31

18432

7/29

24404-13
bks

7/28

18433

7/30

18434

7/28

18435

7/29

18436

7/29

18437

7/31

18438

7/29

18439

4960

PI 408449

8/9

18440

18441	Assam 5	8/1	23401
18442	Calrose 76 WTG	8/2	23402
18443	312C (S ₃) AC	8/1	23403
18444		8/1	
18445	WTG	8/1	
18446		8/1	
18447		1/31	
18448	312C (S ₃) BC	8/1	23404

7/30

18449

8/3

18450

7/31

18451

7/29

18452

312C(5₃)CC

23406

8/1

18453

7/31

18454

8/1

18455

8/1

18456

18457

8/1

18458

312C (S₃) DC

control

8/1

23408

18459

8/1

18460

1.5
3

8/1

18461

8/1

18462

8/3

18463

XR-1 (F₂) #3

7/30

23438

18464

WTg

7/31

8/1

18465

7/28

18466

7/23

18467

XR-1(F₂)#4

23451

8/10

18468

18469

7/28

18470

7/31

18471

18472

18473	XR-1(F ₂)#5	8/2	23466
-------	-------------------------	-----	-------

18474		8/1	
-------	--	-----	--

18475		8/2	
-------	--	-----	--

18476		8/2	
-------	--	-----	--

18477		8/2	
-------	--	-----	--

18478	XR-1(F ₂)#6	7/31	23477
-------	-------------------------	------	-------

18479		8/1	
-------	--	-----	--

18480		8/1	
-------	--	-----	--

8/1

18481

7/31

18482

23492

MA13S₄3 - 1 - 1

7/29

18483

HL, MP, HY

-2

8/1

18484

pip

bx 7/17

7/31

18485

7/31

18486

7/31

18487

23500

MA13S₄3 - 2

8/1

18488

HL, MP, MY

18489

8/1

18490

8/1

18491

7/30

18492

8/1

Plp

b/c 9/17

18493

MA1352

-3

8/4

23503

HL, MP, MY

18494

8/1

Plp

b/c 9/17

18495

8/3

18496

8/3

8/1

18497

Assam 5

23401

8/4

18498

Calrose 76

23402

8/3

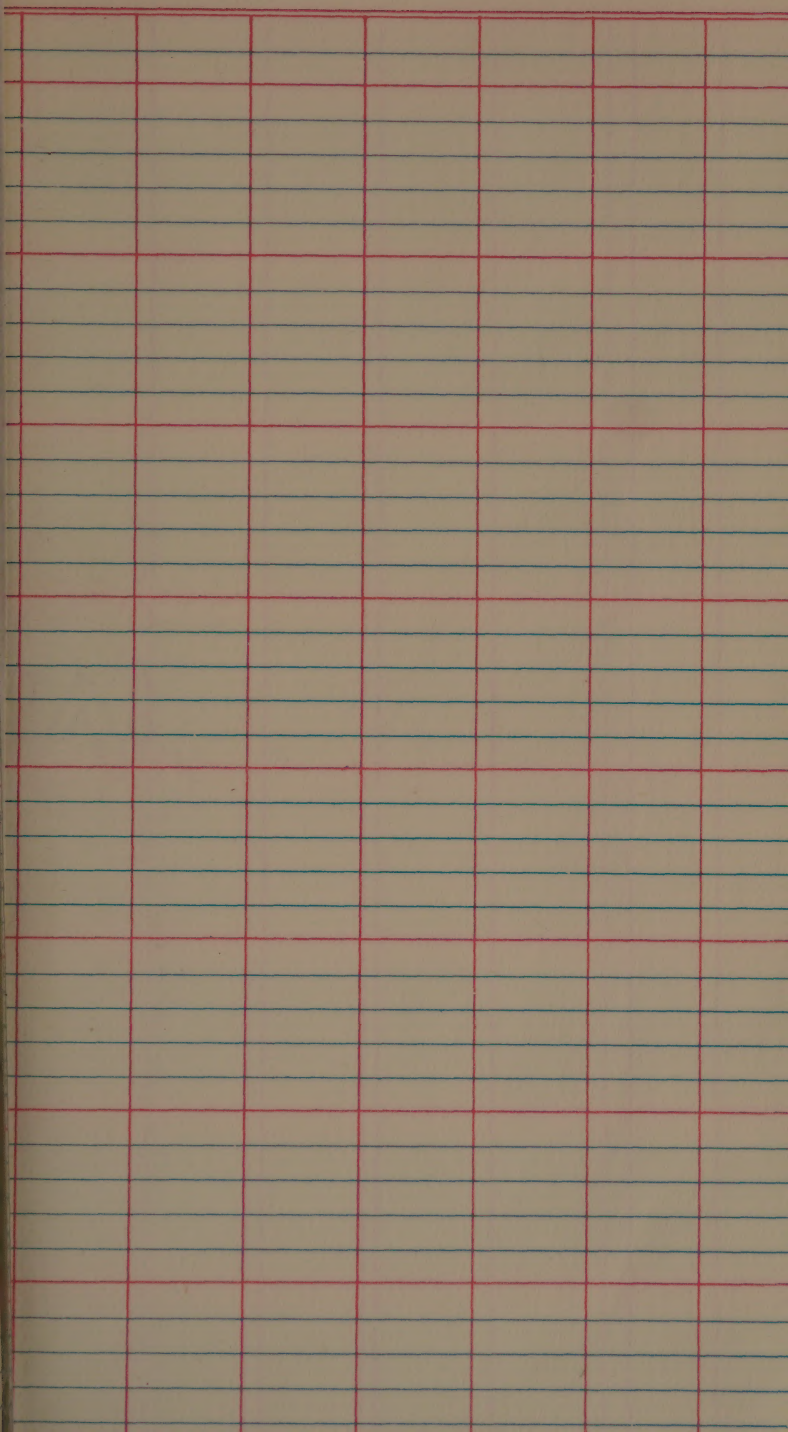
18499

M101

Biggs

7/18

18500



18441
18442
18492

C626A =

BT725A =

B8177A = 7902149/mg

BT710A =

Not headed 3/11

17383-84

17391-92

17393-94

17796-800

18464

18469

18472

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

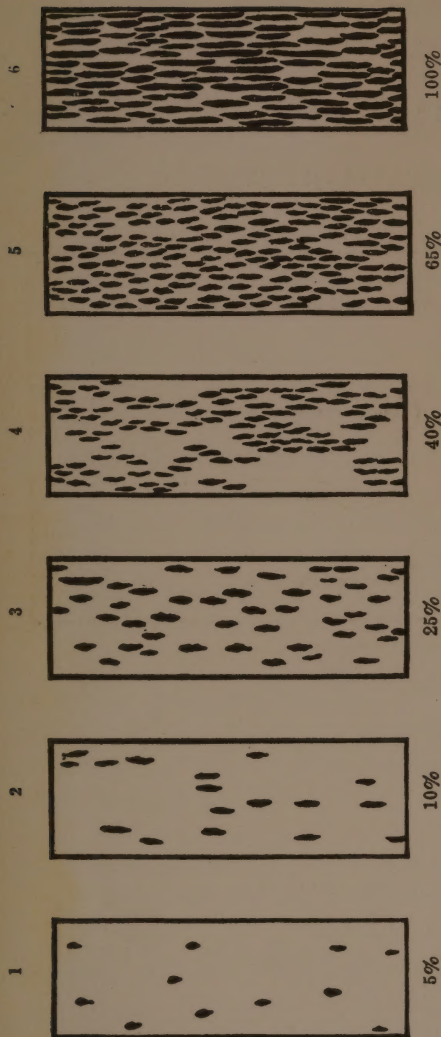
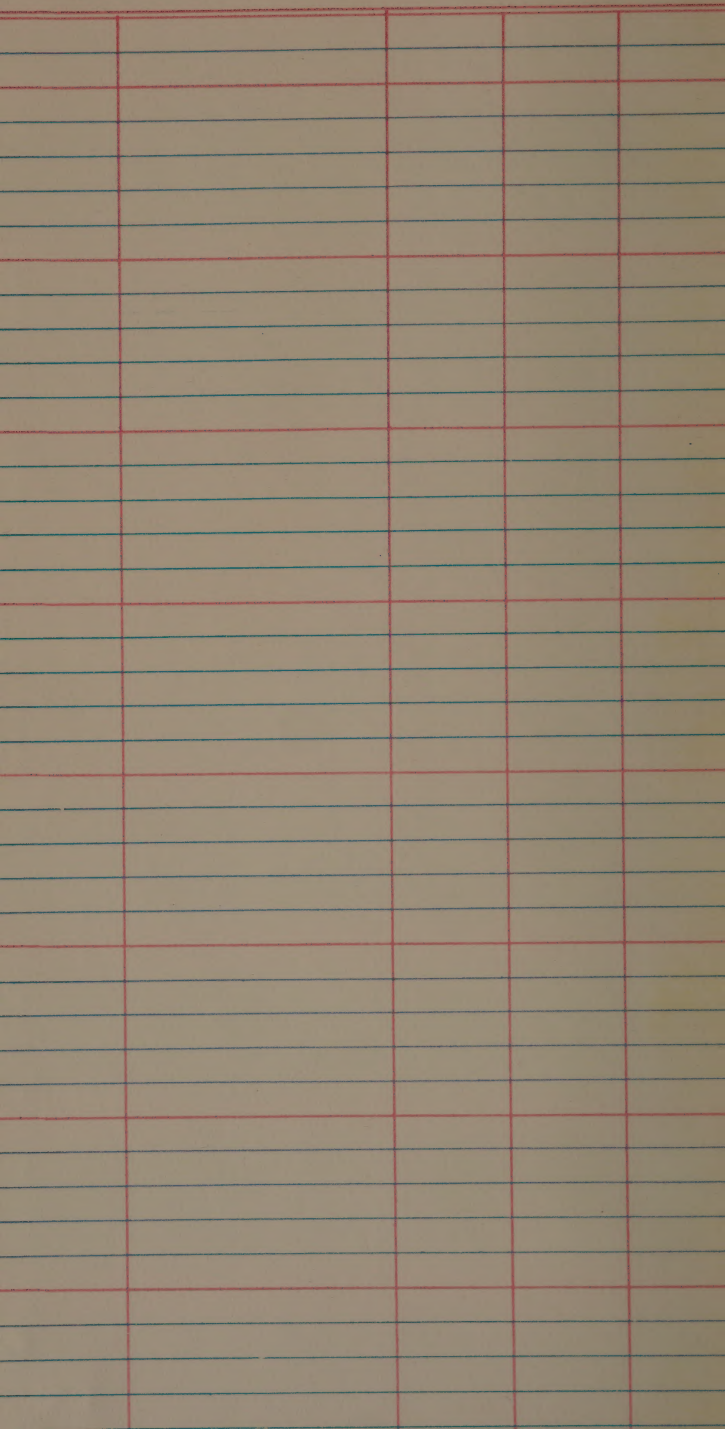
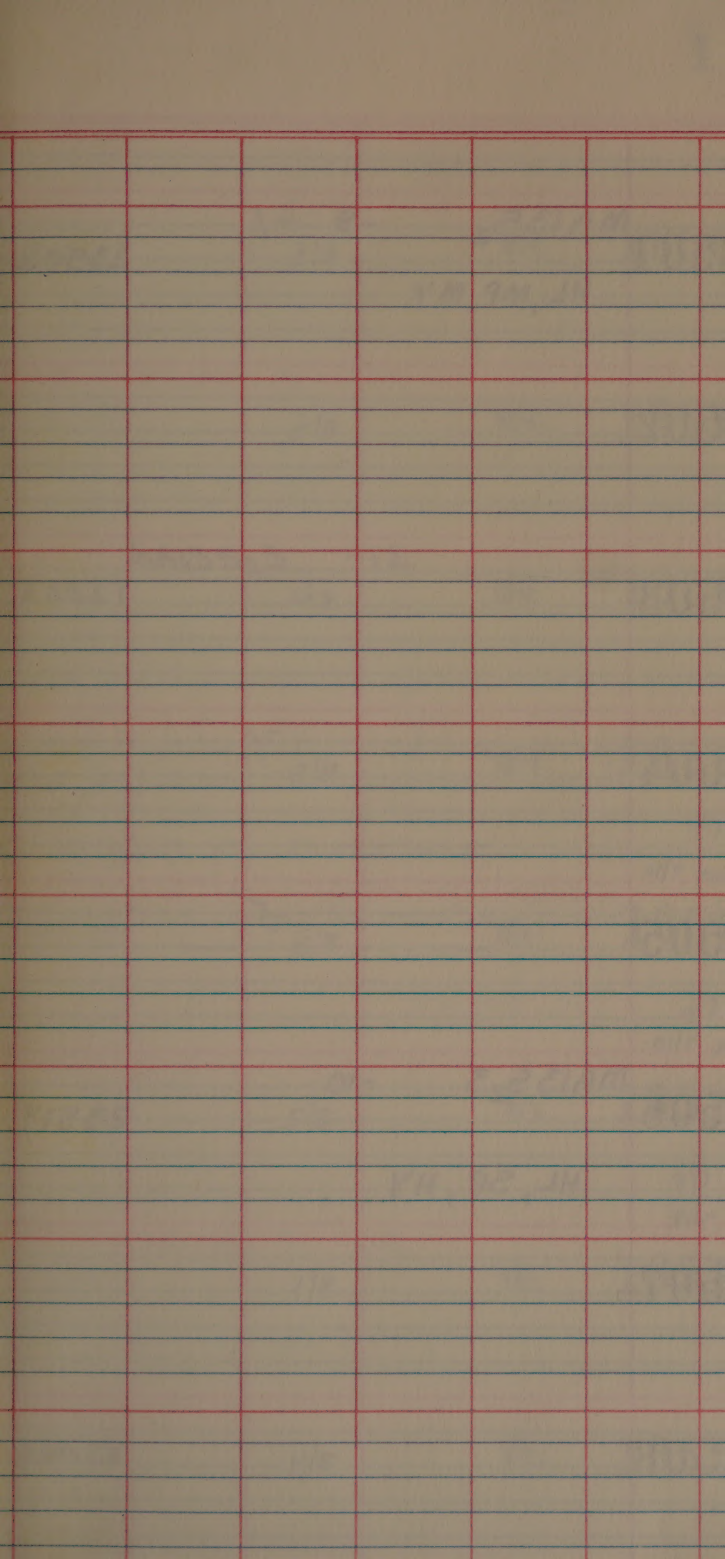


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





18501	MA135 ₂	-8 4/	8/3	23508
-------	--------------------	-------	-----	-------

HL, MP, MY

18502			8/3	
-------	--	--	-----	--

18503			8/4	
-------	--	--	-----	--

18504			8/3	
-------	--	--	-----	--

✓
p/p

bk 9/10

18505			8/3	
-------	--	--	-----	--

✓
p/p

bk 9/10

18506	MA135 ₂₃	-10	8/2	23517
-------	---------------------	-----	-----	-------

✓
p/p

bk 9/10

HL, SP, HY

18507			8/1	
-------	--	--	-----	--

18508			8/4	
-------	--	--	-----	--

8/4

18509

8/2

18510

MA13S₂3 -12

23527

8/4

18511

8/4

18512

8/1

18513

8/3

18514

8/2

18515

23528

8/2

18516

18517

8/2

18518

8/3

18519

8/3

18520

8/3

18521

MA13S₂3

-16

8/1

23539

HL, MP, HY

18522

8/2

18523

8/2

18524

8/2

8/3

18525

23541

MA13S₂3 -17

8/1

18526

HL, HP, MY

8/1

18527

8/1

18528

8/2

18529

8/1

18530

✓
P/P
bk 9/10

23548

MA13S₂3 -18

8/1

18531

HL, HP, MY

7/3P

18532

18533

8/1

18534

8/1

18535

8/1

18536

QWS 15-4

8/3

23552

18537

8/10

18538

8/6

18539

8/10

18540

8/6

GWS 15-5

23553

8/10

18541

8/6

18542

8/4

18543

8/4

18544

8/5

18545

GWS 16-1

23555

8/1

18546

8/2

18547

8/1

18548

18549

8/1

18550

8/1

18551

GWS 16-2

8/1

23556

18552

8/1

18553

8/1

18554

8/1

18555

7/31

18556

GWS 16-3

8/4

23557

8/1

18557

8/2

18558

8/1

18559

8/6

18560

GWS 16-5

23558

8/2

18561

8/3

18562

8/4

18563

8/6

18564

18565

8/3

18566

GWS 16-6

8/1

23559

18567

8/2

18568

8/2

18569

8/1

18570

8/3

18571

GWS 16-7

7/31

23560

18572

8/1

8/2

18573

8/1

18574

7/31

18575

GWS 17-4

23562

8/5

18576

8/1

18577

8/5

18578

8/11

18579

8/4

18580

	GWS 17-7			
18581		8/1		23563
18582		8/1		
18583		8/1		
18584		8/1		
18585		8/1		
	Assam 5			
18586		7/31		23551
18587	" be 9/10	8/1		"
18588	"	7/31		"

23402	Calrose 76	8/2	18589
"	"	8/1	18590
"	"	8/1	18591
4984	PI 291449	7/13	18592
"	"	7/13	18593
"	"	7/13	18594
"	"	7/13	18595
4985	PI 291495	7/14	18596

same white tip
bk 9/10

8/14
bk

Seeded: 5/16/85

18597	PI 291495	7/14	4985
18598	"	8/14	"
18599	"	7/14	"
18600	OS-6	8/12	4980
18601	B848A1	7/16	F ₁
18602	B848A2	7/15	
18603	"	7/10	
18604	B848A3	7/15	

F,

"

7/15

18605

B848A5

7/15

18606

B848A6

7/16

18607

"

7/16

18608

B848A10

7/15

18609

B848A12

7/12

18610

B848A13

7/16

18611

B848A14

7/15

18612

18629	ELBL	7/12	5775
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18630	LBLE-X2-2	± 7/27	3800
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18631	B8410A1	7/25	F ₁
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18632	B8410A2	7/22	
-------	---------	------	--

18633	"	7/24	
-------	---	------	--

18634	B8410A3	7/24	
-------	---------	------	--

18635	"	7/25	
-------	---	------	--

18636	"	7/25	
-------	---	------	--

F ₁	B8410A3	7/23	18637
	B8410A4	7/21	18638
	"	7/23	18639
	"	7/24	18640
	"	7/23	18641
	"	7/24	18642
	"	7/24	18643
	"	7/23	18644

18645	B8410A5	7/24	F ₁
-------	---------	------	----------------

18646	"	7/25	
-------	---	------	--

18647	"	7/25	
-------	---	------	--

18648	"	7/23	
-------	---	------	--

18649	"	7/25	
-------	---	------	--

18650	"	7/22	
-------	---	------	--

18651	"	7/24	
-------	---	------	--

18652	"	7/25	
-------	---	------	--

F ₁	B8410A6	7/27	18653
"	"	7/27	18654
"	"	7/27	18655
"	"	7/28	18656
	B8410A7	7/25	18657
"	"	7/25	18658
"	"	7/23	18659
"	"	7/24	18660

18661	B8410A7	7/24	F ₁
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18662	"	7/25	
-------	---	------	--

18663	"	7/22	
-------	---	------	--

18664	B8410A8	7/25	F ₁
-------	---------	------	----------------

18665	"	7/25	
-------	---	------	--

18666	"	7/26	
-------	---	------	--

18667	B8410A9	7/23	F ₁
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18668	"	7/24	
-------	---	------	--

F ₁	B8410A9	7/28	18669
"		7/26	18670
"		7/26	18671
"		7/24	18672
"		7/27	18673
F ₁	B8410A10	7/24	18674
"		7/24	18675
"		7/26	18676

18677	B8410A10	7/25	F ₁
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18678	"	7/23	
-------	---	------	--

18679	"	7/25	
-------	---	------	--

18680	"	7/30	
-------	---	------	--

18681	RU8303116	7/30	116
-------	-----------	------	-----

18682	B8411A1	8/1	F ₁
-------	---------	-----	----------------

18683	"	8/1	
-------	---	-----	--

18684	"	8/3	
-------	---	-----	--

B8411A1

7/31

18685

F₁

B8411A3

7/30

18686

"

8/1

18687

"

7/30

18688

B8411A4

7/31

18689

"

7/31

18690

F_d

LMNT

8/3

18691

F₁

B8412A1

7/26

18692

18693	B8412A1	7/27		
18694	B8412A2	7/28		F ₁
18695	"	7/26		
18696	B8412A3	7/28		
18697	B8412A5	7/30		
18698	B8412A6	7/26		
18699	B8412A9	7/27		
18700	B8412A10	7/31		

B8412A10

8/1

18701

RUT803097

1807

8

18702

MARS

33

8/1

18703

B8413A1

F₁

7/28

18704

B8413A3

7/29

18705

B8413A5

7/29

18706

"

7/28

18707

B8413A6

7/27

18708

18709	B8413A6	7/27	
18710	RU8303169	7/30	32
18711	LEAH	8/4	35
18712	B8414A2	7/31	F ₁
18713	DLLA	8/2	3/75
18714	B8416A1	7/20	F ₁
18715	"	7/22	
18716	"	7/22	

B8416A1

7/19

18717

B8416A2

F₁

7/20

18718

B8416A3

7/21

18719

B8416A4

7/21

18720

B8416A5

7/22

18721

LBNT

Fd

7/30

18722

VSTA

19350

WTm

7/27

18723

B8417A1

F₁

7/30

18724

18725	B8417A2	7/30		

18726	PI 325893	7/22		
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18727	Short Mars	7/29		
-------	------------	------	--	--

18728	B8421A1	7/26		F ₁
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18729	B8421A2	7/23		
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18730	B8421A3	7/20		
-------	---------	------	--	--

18731	B8421A4	7/19		
-------	---------	------	--	--

18732	"	7/19		
-------	---	------	--	--

B8421A5

F₁

7/31

18733

"

7/21

18734

Quin Qun Wang

2

7/18

18735

B8422A1

F₁

8/3

18736

bis 10/11

B7836A1-44

3821-25

8/1

18737

B8423A1

F₁

7/19

18738

"

7/23

18739

"

7/16

18740

18741	B8423A1	7/18	F ₁
18742	Hunan Early Dwarf No. 9	7/20	22977-80
18743	B8424A1	7/23	F ₁
18744	"	7/22	
18745	"	7/28	
18746	"	7/17	
18747	B8424A2	7/29	F ₁
18748	B8424A3	7/29	F ₁

HR	R08303046		8/1	18749	
F ₁	B8425A1		7/25	18750	
	"		7/25	18751	
	B8425A2		7/23	18752	
	B8425A3		7/23	18753	
	"		7/24	18754	
	B8425A4		7/20	18755	
	B8425A5		7/23	18756	

18757	B8425A5	7/22	
18758	84 SNP/669	7/20	669
18759	B8426A1	7/20	F ₁
18760	B8426A2	7/21	
18761	B8426A3	7/20	
18762	B8426A4	7/20	
18763	B8426A5	7/20	
18764	LEAH	7/23	35

F₁

B8427A1

7/21

18765

"

7/22

18766

"

7/22

18767

B8427A2

7/21

18768

"

7/21

18769

B8427A3

7/21

18770

"

7/21

18771

B8427A4

7/21

18772

	B8427A4			
18773		7/22		
	B8427A5			
18774		8/1		
	"			
18775		8/1		
	84/1277			
18776		7/26		1277
	B8428A1			
18777		7/23		F ₁
	B8428A2			
18778		7/26		
	"			
18779		7/22		
	"			
18780		7/23		

F ₁	B8428A3	7/22	18781
	B8428A4	7/25	18782
	"	7/29	18783
	"	7/25	18784
	"	7/23	18785
	B8428A5	7/23	18786
	"	7/24	18787
	B8428A6	7/23	18788

18789	B84/1282	7/20		1282
18790	B8429A2	7/25		F ₁
18791	B8429A4	7/28		
18792	B8429A5	7/24		
18793	Costa Rica 1113	8/11		71
18794	B8431A5	8/6		F ₁
18795	RU8303169	7/23		32
18796	B8432A4	7/23		F ₁

F ₁	B8432A5	7/23	18797
HR	RU8303046	8/2	18798
F ₁	B8434A1	8/4	18799
"		8/5	18800
F ₁	B8434A2	8/1	18801
"		7/30	18802
F ₁	B8434A3	7/31	18803
F ₁	B8434A4	8/3	18804

18805	LMNT	8/4	F ₂
18806	B8435A1	7/30	F ₁
18807	B8435A2	7/30	F ₁
18808	"	7/30	"
18809		7/31	930
18810	B8436A1	8/1	F ₁
18811	A2	7/31	
18812	A3	8/4	

F ₁	B8436A4	8/2	18813
F ₁	A5	8/2	18814
116	RU8303116	7/26	18815
	B8437A1	7/25	18816
4960	PI 408449	8/6	18817
	B8443A2	7/25	18818
	A3	7/31	18819
	A4	7/22	18820

18821	B8443A5	7/24	F ₁
18822	WC 1403	7/23	Robinson
18823	B8444A1	7/25	
18824	A2	7/23	
18825	A3	7/26	
18826	A4	7/20	
18827	A5	7/26	
18828	RU8303046	8/1	HR

	138445A1			7/20	18829
	A2			7/23	18830
	"			7/21	18831
Robinson	WC 1711			8/1	18832
	38447A1			7/24	18833
	"			8/27	18834
	"			8/28	18835
	A4			8/10	18836

18837	RU8003009	7/31	HR
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18838	B8448A3	7/15	
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18839	A4	7/23	
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18840	A5	7/25	
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18841	NWBT	8/8	AR Fd
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18842	B8449A2	7/31	
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18843	A3	7/30	
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18844	RU8303181	8/3	HR
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B8450A2

7/27

18845

CB 801

CB

8/9

18846

br 10/11

B8451A1

F₁

7/27

18847

"

7/30

18848

A2

7/28

18849

A3

7/29

18850

"

7/27

18851

BRAZ-X2-1

25639

7/31

18852

18853	Gideon Shaeffer material	23424
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↓

18854		"
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WT severe 000

18855	7/31	"
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18856	7/31	"
-------	------	---

18857	8/2	"
-------	-----	---

18858	8/11	23487
-------	------	-------

WTs 000

18859	8/11	"
-------	------	---

18860		"
-------	--	---

23487

18861

"

18862

WTs; orange leaves!

23509

8/2

18863

"

8/2

18864

"

8/2

18865

"

8/2

18866

"

8/3

18867

23554

1 plant

8/8

18868

18869		8/11	23554
-------	--	------	-------

1 plant

18870		No plants	"
-------	--	-----------	---

18871		No plants	"
-------	--	-----------	---

18872		8/9	"
-------	--	-----	---

18873		8/10	23561
-------	--	------	-------

18874		8/10	"
-------	--	------	---

18875		8/10	"
-------	--	------	---

18876		No plants	"
-------	--	-----------	---

23401	Assam 5	8/1	18877
	"	8/2	18878
	"	8/2	18879
23551	Assam 5	8/2	18880
23551	Assam 5	8/1	18881
F ₁	B8294A1-10	7/30	18882
	"	7/29	18883
	"	7/30	18884

18885	B8294A1-10	7/30	F ₁
-------	------------	------	----------------

18886	"	7/30	
-------	---	------	--

18887	"	7/30	
-------	---	------	--

18888	"	7/29	
-------	---	------	--

18889	"	7/30	
-------	---	------	--

18890	Della	8/3	3175
-------	-------	-----	------

18891	B8295A1-16	8/4	F ₁
-------	------------	-----	----------------

18892	"	8/3	
-------	---	-----	--

F ₁	B8295A1-16	8/3	18893
	"	8/3	18894
	"	8/4	18895
	"	8/8	18896
	"	8/4	18897
	"	8/3	18898
	"	8/3	18899
F _d	NW R X	8/7	18900

Seeded: 6/4/85

18901

BS131A4-BK-15-5-1-1

8/26

PR 8721

18902

8/26

-2

18903

8/29

-3

18904

8/25

-4

18905

8/26

-5

18906

BS131A4-BK-37-3-1-1

8/30

PR 8724

18907

8/31

-2

18908

8/29

-3

misshapen grains; poor bush?

late but very good

	-4	8/30	18909
	-5	8/31	18910
BS131A4-BK-27-1-1-1 PR8727		8/15	18911 ✓ P/p
	-2	8/17	18912
	-3	8/17	18913
	-4	8/16	18914
	-5	8/18	18915
BS131A4-BK-27-3-3-1 PR8732		8/21	18916

18917

8/21 -2

18918

8/21 -3

18919

8/21 -4

18920

8/21 -5

18921

B8131A4-BK-27-4-3-1

8/20

PR8735

18922

8/21 -2

18923

8/20 -3

18924

8/17 -4

-5

8/19

18925

35

Leah

8/23

18926

bk 10/4

B8131A4-BK-35-1-1-1

PR 8739

8/25

18927

-2

8/25

18928

-3

8/23

18929

np ✓

-4

8/26

18930

-5

8/24

18931

B8131A4-BK-35-4-2-1

PR 8743

8/24

18932

np ✓

18933

-2

8/21

18934

-3

8/24

18935

-4

8/24

18936

-5

8/24

18937

LMNT

8/26

PR 8751

18938

"

8/25

18939

"

8/25

18940

"

8/25

bx 10/3
throat food

"

8/25

18941

B8131A4-BK-40-4-3-1

PR 8754

8/19

18942

85/1078

-2

8/19

18943

Ds

Thresh good

73

8/19

18944

-4

8/19

18945

BK 10/3

-5

8/20

18946

✓
Pic

B8131A4-BK-53-3-1-1

PR 8764

8/22

18947

85/1087

-2

8/25

18948

18949

-3
8/23

18950

-4
8/25

18951

-5
8/26

18952

RV8003050

8/25

52

bx 10/4

18953

B8131A4-BK-59-3-3-1

8/27

PR8769

18954

-2
8/27

✓
PP

bx 10/4

18955

-3
8/26

18956

-4
8/21

-5

8/20

18957

BS131A4-BK-65-2-2-1

PR8771

8/19

18958

-2

8/18

18959

p/c

-3

8/19

18960

shooting good

BK 10/3

-4

8/19

18961

-5

8/16

18962

BS131A4-BK-66-1-3-1

PR8775

8/23

18963

± 85/928

-2

8/21

18964

18965

-3
8/23

18966

-4
8/21

✓
pip
bk 10/4

18967

-5
8/23

18968

B8131A4-BK-66-5-1-1

8/26

PR8177

18969

-2
8/23

✓
pip

18970

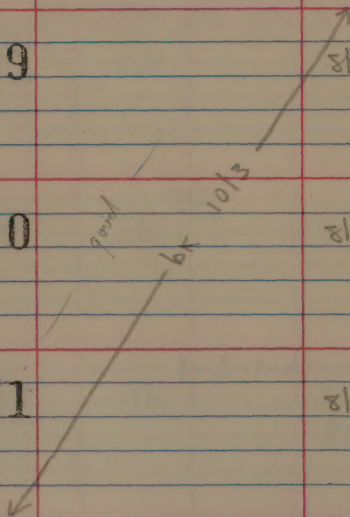
-3
8/20

18971

-4
8/22

18972

-5
8/22



Fd

SKBT

8/20

18973

bk 10/4

B8131A4-BK-68-3-1-1

PR8780

8/22

18974

 $\pm 85/1097$

-2

8/22

18975

-3

8/22

18976

light

-4

8/22

18977

-5

8/20

18978

Pip ✓

bk 10/4

B8131A4-BK-74-5-3-1

PR8794

8/21

18979

-2

8/20

18980

18981

-3

8/22

through good
BK 10/3

18982

-4

8/22

✓ pip

18983

-5

8/22

18984

B8131A4-BK-75-2-2-1

8/26

PR8796

± 85/1121

18985

-2

8/26

✓ pip

18986

-3

8/25

very good dent; VU45
through good

18987

-4

8/26

18988

-5

8/25

B8131A4-BK-80-5-1-1

PR 8801

8/16

18989

-2

8/18

18990

-3

8/18

18991 ✓
11/1

-4

8/17

18992

-5

8/18

18993

B8131A4-BK-99-1-3-1

PR 8824

8/26

18994

 $\pm 85/1096$

-2

8/25

18995

-3

8/26

18996

P/P ✓

Dark OK

6K 10/3

18997

-4
8/26

18998

-5
8/25

18999

B8131A4-BK-101-5-2-1

8/29

PR 8830

19000

-2
8/29

19001

-3
8/30

19002

-4
8/29

19003

-5
8/30

19004

B8131A4-BK-103-2-1-1

8/23

PR 8832

later but excellent plants

-2

8/23

19005

-3

8/23

19006

-4

8/22

19007

P/P

bk 10/4

-5

8/23

19008

38131A4-BK-III-3-2-1

PR 8842

85/1086

8/23

19009

-2 ↗

8/22

19010

-3

8/20

19011

-4

8/21

19012

P/P

19013

-5

8/21

19014

B8131A4-BK-111-5-2-1

8/21

PR 8845

19015

-2

8/21

19016

-3

8/20

✓ pip

19017

-4

8/19

19018

-5

8/22

19019

B8131A4-BK-115-5-2-1

8/23

PR 8848

✓ pip

BK 1014

19020

-2

8/26

pred surf

-3

8/26

19021

-4

8/28

19022

-5

8/27

19023

NWBT

AR Fd

8/26

19024

bx 10/4

B8131A4-BK-118-3-1-1



PR 8851

8/19

19025

-2

8/19

19026

pred surf; VUFM

bx 10/3

-3

8/19

19027

-4

8/19

19028

99 ✓

19029

8/18 -5

19030

B8131A4-BK-141-1-1-1

8/19

PR 8854

85/1085

19031

8/21 -2

✓ PIP

19032

8/21 -3

very good day
BK 10/3

19033

8/20 -4

19034

8/21 -5

19035

B8131A4-BK-121-4-1-1

8/24

PR 8860

19036

8/24 -2

-3

8/23

19037

taller and
 HF

-4

8/23

19038

-5

8/23

19039

B8131A4-BK-125-5-3-1

PR8868

8/22

19040

-2

8/21

19041

-3

8/19

19042

-4

8/20

19043

pp ✓

-5

8/20

19044

19045 BB131A4-BK-136-2-1-1 8/16 PR8872

19046 8/17 -2

19047 8/17 -3
✓ tip
fresh good Dt bk 10/3

19048 8/18 -4

19049 8/15 -5

19050 RV8303046 8/22 HR
bk 1014

19051 BB131A4-BK-136-5-2-1 8/17 PR8817
✓ P/p

19052 8/19 -2

-3

8/19

19053

-4

8/19

19054

-5

8/18

19055

B8131A4-BK-141-3-1-1

PR 8879

8/19

19056

85/1119

-2

8/18

19057

pip ✓

-3

8/19

19058

-4

8/16

19059

-5

8/19

19060

normal; HF; 12/1

dup
that ok

bx 10/13

19061 B8131A4-Bk-120-4-2-1 8/23 PR8889

19062 -2 8/20

19063 -3 8/20

19064 -4 8/22

19065 -5 8/21

19066 B8131A4-Bk-150-13-1-1 8/22 PR8891

19067 -2 8/22
✓ PIP

19068 -3 8/22
bK 10/13
dup
light?

-4

8/21

19069

-5

8/20

19070

B8131A4-BK-153-2-3-1

PR8899

85/932

8/23

19071

-2

8/26

19072

-3

8/23

19073

P/P ✓

-4

8/23

19074

-5

8/25

19075

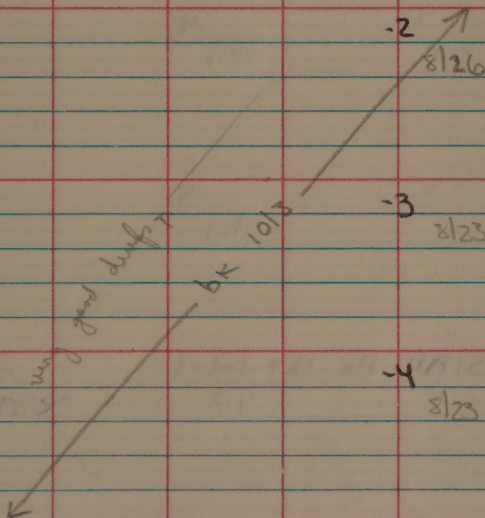
RU8303169

8/22

19076

32

BK 1014



B8131A4-BK-160-1-2-1

19077

8/18

PR 8904

19078

8/18

-2

✓ PIP

19079

8/19

-3

19080

8/19

-4

19081

8/19

-5

19082

B8131A4-BK-187-1-1-1

8/18

PR 8918

19083

8/16

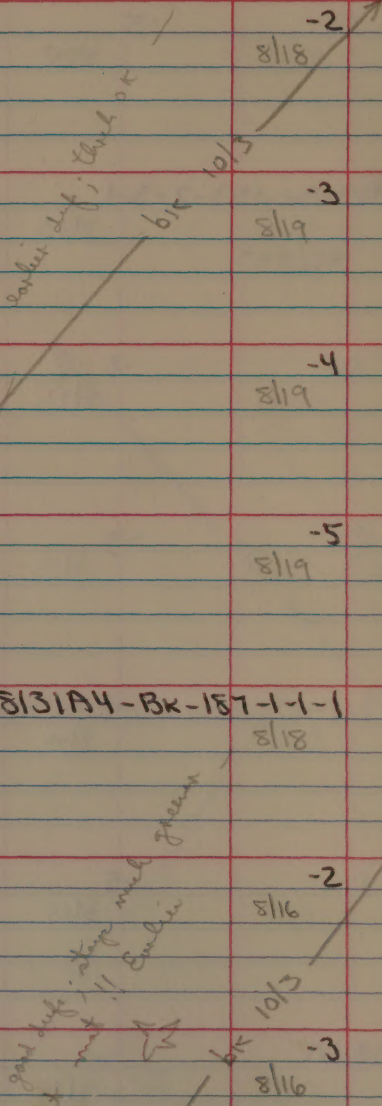
-2

✓ PIP

19084

8/16

-3



-4

8/18

19085

-5

8/18

19086

B8131A4-Bk-187-1-2-1

PR 8919

8/16

19087

85/1084

-2

8/15

19088

-3

8/15

19089

✓
P/P

bk 1014

-4

8/16

19090

-5

8/17

19091

B8131A4-Bk-187-3-1-1

PR 8921

8/18

19092

85/1075

19093

-2

8/17

19094

-3

8/16

19095

-4

8/16

19096

-5

8/18

✓ 8/18

bk 1014

19097

B8131A4-BK-189-5-2-1

8/25

PR 8926

19098

-2

8/23

19099

-3

8/19

19100

-4

8/23

100. detens 1000; present

grains after micro-slopes

-5

8/24

19101

B8131A4-Bk-192-1-3-1

PR 8933

8/28

19102

-2

8/27

19103

-3

8/27

19104

Fall

-4

8/28

19105

-5

8/22

19106

B8131A4-Bk-194-2-3-1

PR 8942

8/23

19107

-2

8/23

19108

19109

-3

8/24

19110

-4

8/23

19111

-5

8/24

19112

BE131A4-BK₂-3-1-1

8/23

PR8943

19113

-2

8/23

19114

-3

8/23

19115

-4

8/23

19116

-5

8/23

penet heads

B8131A4-Bk₂-9-1-1

PR8949

8/21

19117

Pp

-2

8/21

19118

-3

8/22

19119

-4

8/23

19120

-5

8/21

19121

B8131A4-Bk₂-15-3-1

PR8958

8/23

19122

-2

8/21

19123

-3

8/22

19124

part books

19125

-4

8/23

19126

-5

8/17?

19127

TBNT

8/17

AR Fd

bk 10/4

19128

B8131A4-Bk₂-23-2-1

8/15

PR8969

19129

-2

8/15

✓

p/p

bk 10/4

19130

-3

8/15

19131

-4

8/15

19132

-5

8/15

PR 8972	BB131A4-Bk ₂ -25-2-1	8/21	19133
	-2	8/19	19134
	-3	8/19	19135
	-4	8/25	19136
	-5	8/20	19137
PR 8976	BB131A4-Bk ₂ -26-3-1	8/18	19138
	-2	8/20	19139
	-3	8/18	19140

19141 -4
8/18

19142 -5
8/17

19143 B8131A4-Bk₂-29-1-1
8/18 PR8978

19144 -2
8/18

19145 -3
8/18

19146 -4
8/19

19147 -5
8/18

19148 B8131A4-Bk₂-32-2-1
8/17 PR8982

-2

8/16

19149

-3

8/15

19150

✓
PIP

-4

8/19

19151

-5

8/18

19152

Fd

LBNT

8/22

19153

bk 10/4

PR 8988

B8131A4-BK₂-37-2-1

8/24

19154

-2

8/24

19155

-3

8/25

19156

✓
PIP

bk 10/4

normal; long HF

19157 -4
8/22

19158 -5
8/22

19159 B8131A4-Bk₂-40-2-1
8/23 PR8994

19160 -2
8/22

19161 -3
8/22

19162 -4
8/22
✓ PIP
bk 1014

19163 -5
8/22

19164 B8131A4-Bk₂-43-1-1
8/20 PR8996

-2

8/20

19165

-3

8/20

19166

-4

8/20

19167

-5

8/20

19168

B8131A4-Bk₂-45-3-1

PR9004

8/19

19169

-2

8/19

19170

-3

8/19

19171

-4

8/19

19172

19173

8/19

-5

19174

LBLE

8/13

Fd

bk 1014

19175

B8131A4-Bk₂-47-1-1

8/19

PR9005

19176

8/19

-2

19177

8/19

-3

19178

8/19

-4

19179

8/23

-5

19180

B8131A4-Bk₂-48-2-1

8/17

PR9009

-2

8/18

19181

-3

8/14

19182

-4

8/17

19183

-5

8/14

19184

B8131A4-BK₂-49-2-1

PR9012

8/18

19185

-2

8/17

19186

-3

8/17

19187

-4

8/18

19188

some print books

19189

-5

8/18

✓
pip

bk 1014

19190

B8131A4-Bk₂-53-2-1

8/27

PR 9018

19191

-2

8/27

19192

-3

8/27

✓
pip

bk 1014

gravel
step
tight

19193

-4

8/28

19194

-5

8/28

19195

B8131A4-Bk₂-59-2-1

8/16

PR 9021

19196

-2

9/17

-3

9/19

19197

-4

8/17

19198

-5

8/18

19199

rip

B8131A4-Bk₂-60-3-1

PR9025

8/18

19200

-2

8/25

19201

-3

8/20

19202

-4

8/21

19203

-5

8/21

19204

19205	B8131A4-Bk ₂ -63-3-1	8/21	PR9029
-------	---------------------------------	------	--------

19206	-2	8/21	
-------	----	------	--

19207	-3	8/24	
-------	----	------	--

19208	-4	8/22	
-------	----	------	--

19209	-5	8/21	
-------	----	------	--

✓
PIP

19210	B8131A4-Bk ₂ -64-1-BK	8/21	PR9030
	85/1074		bks

19211	-BK	8/21	
-------	-----	------	--

19212	-BK	8/21	
-------	-----	------	--

PR 9035	B8131A4-Bk ₂ -66-3-1	8/27	19213
---------	---------------------------------	------	-------

	-2	8/27	19214
--	----	------	-------

	-3	8/27	19215
--	----	------	-------

	-4	8/26	19216
--	----	------	-------

	-5	8/27	19217
--	----	------	-------

PR 9038	B8131A4-Bk ₂ -71-3-1	8/26	19218
---------	---------------------------------	------	-------

	-2	8/23	19219
--	----	------	-------

NSJ VUF

	-3	8/25	19220
--	----	------	-------

 pp ✓
 bk 1014

19221

-4
8/25

19222

-5
8/25

19223

BLMT

8/20

Fd

bk 10/4

19224

B8131A4-Bk₂-78-2-1

8/17

PR9043

✓

PIP

bk 10/4

19225

-2
8/18

19226

-3
8/16

19227

-4
8/17

19228

-5
8/17*earlier; check good*

B8131A4-B_{k2}-89-1-1

PR 9045

8/27

19229

Vp

-2

8/29

19230

-3

8/26

19231

taller

-4

8/28

19232

-5

8/26

19233

B8131A4-B_{k2}-95-2-1

PR 9056

8/16

19234

Vp

-2

8/15

19235

med. tall

-3

8/15

19236

19237

-4

8/17

19238

-5

8/16

19239

B8131A4-Bk₂-99-1-1

8/17

PR9058

19240

-2

8/18

19241

-3

8/18

19242

-4

8/18

19243

-5

8/18

19244

B8131A4-Bk₂-101-3-13_w

8/20

PR9066

85/1093

bk

-Bk

8/20

19245

p/p ✓

At. unit.

-Bk

8/20

19246

B8131A4-BK2-104-3-1

PR 9069

8/15

19247

p/p ✓

-2

8/17

19248

-3

8/18

19249

-4

8/14

19250

-5

8/15

19251

L-202

119

8/15

19252

bnc 10/4

19253

BS131A4-Bk₂-108-3-BK

8/19

PR9072

85/1118

bik

19254

-BK

8/19

19255

-BK

8/19

19256

BS131A4-Bk₂-109-1-1

8/19

PR9073

19257

-2

8/19

19258

-3

8/19

19259

-4

8/19

19260

-5

8/19

PR 9077

B8131A4-BK₂-110-1-1

8/13

19261

-2

8/14

19262

-3

8/13

19263

-4

8/15

19264

P. 11

-5

8/13

19265

PR 9084

B8131A4-BK₂-120-2-1

8/26

19266

-2

8/26

19267

-3

8/26

19268

19285

-4
8/23

19286

-5
8/19

19287

B8131A4-Bk₂-137-3-Bk

85/1117

8/19

PR9103
bk

19288

-Bk
8/18

19289

-Bk
8/18

19290

B8131A4-Bk₂-138-2-1

8/15

PR9105

19291

-2
8/18

19292

-3
8/17

-4

8/16

19293

-5

8/18

19294

B8131A4-Bk₂-141-3-1

PR9109

8/19

19295

-2

8/19

19296

-3

8/19

19297

TLL

-4

8/19

19298

-5

8/19

19299

B8131A4-Bk₂-146-3-1

PR9112

8/25

19300

19301

8/27 -2

19302

8/26 -3

19303

8/29 -4

19304

8/26 -5

19305

B8131A4-Bk₂-149-1-1

8/22

PR 9113

19306

8/23 -2

19307

8/23 -3

19308

8/23 -4

-5

8/21

19309

B8131A4-Bk₂-157-1-1

PR 9122

8/14

19310

-2

8/13

19311

pip ✓

-3

8/15

19312

-4

8/13

19313

-5

8/13

19314

B8131A4-Bk₂-158-3-Bk

PR 9128

8/19

19315

bk

85/1092

-Bk

8/19

19316

H. one

19317

-Bk
8/19

19318

B8131A4-Bk₂-162-1-Bk

85/1082

8/18

PR 9129

bk

19319

ht. var.

Bk

8/17

19320

Bk

8/18

19321

B8131A4-Bk₂-163-3-1

8/22

PR 9134

19322

-2

8/25

✓
PIP

19323

-3

8/21

19324

-4

8/26

-5

8/23

19325

LMNT

Fd

8/23

19326

mixture?

bk 10/4

B8131A4-Bk₂-164-2-1

PR 9136

8/16

19327

✓
PR

-2

8/18

19328

-3

8/19

19329

-4

8/16

19330

-5

8/16

19331

B8131A4-Bk₂-167-3-1

PR 9140

8/16

19332

19333

-2

8/19

19334

-3

8/15

✓
Plp

19335

-4

8/16

19336

-5

8/18

19337

B8131A4 - Bk₂ - 173-3-1

8/19

PR 9143

19338

-2

8/18

19339

-3

8/17

19340

-4

8/19

-5

8/20

19341

B8131A4-Bk₂-177-3-1

PR 9146

8/19

19342

-2

8/19

19343

✓
p/p

bx 10/4

-3

8/29

19344

think ok

-4

8/19

19345

-5

8/20

19346

B8131A4-Bk₂-182-3-1

PR 9149

8/18

19347

-2

8/16

19348

print books

19349

8/19

-3

19350

8/19

-4

19351

8/19

-5

19352

ELBL

8/2

5775

19353

B8131A4-Bk₂-184-3-1

PR9153

19354

8/21

-2

19355

8/19

-3

✓ pip
19356

8/19

-4

-5

8/23

19357

B8131A4-Bk₂-186-2-1

PR9155

8/20

19358

-2

8/19

19359

✓
p/p

-3

8/21

19360

-4

8/19

19361

-5

8/17

19362

B8131A4-Bk₂-194-3-Bk

PR9159

8/17

19363

bk

85/1073

✓
tip

bk 10/4

-Bk

8/16

19364

19365	BS131A4-	8/19	-Bk
19366	BS131A4 - Bk ₂ - 196-1-1	8/19	PR9160
19367		8/19	-2
19368	tail	8/19	-3
19369		8/19	-4
19370		8/19	-5
19371	BS131A4 - Bk ₂ - 205-2-1	8/18	PR9167
19372		8/17	-2

-3

8/17

19373

-4

8/16

19374

-5

8/15

19375

P/P ✓

bk 1014

Fd

NWRX

8/21

19376

bk 1014

B8131A4-Bk₂-206-2-1

PR 9170

8/18

19377

P/P ✓

-2

8/20

19378

-3

8/17

19379

-4

8/17

19380

19381

-5

8/17

19382

B8131A4-Bk₂-218-2-Bk

8/15

PR 9180

85/1081

bK

19383

-Bk

8/15

fuller

19384

-Bk

8/14

19385

B8131A4-Bk₂-221-2-1

8/20

PR 9186

19386

-2

8/19

19387

-3

8/21

XWJ

19388

-4

8/20

-5

8/19

19389

BS131A4-Bk₂-228-2-1

PR 9189

8/17

19390

-2

8/18

19391

-3

8/17

19392

-4

8/19

19393

-5

8/18

19394

BS131A4-Bk₂-241-3-1

PR 9199

8/19

19395

-2

8/25

19396

19397

-3
8/24

19398

-4
8/25

19399

-5
8/25

19400

BS131A4 - Bk₂ - 253-2-Bk

8/16

PR9204
Bk

85/1091

19401

-Bk
8/19

19402

-Bk
8/19

✓
PIP
19403

BS131A4 - Bk₂ - 263-1-1

8/17

PR9206

✓
PIP
19404

-2
8/19

thresh 9000 NM
 bk 10/4
 -3
 8/19

19405

-4
 8/19

19406

-5
 8/19

19407

BS131A4-Bk₂-276-2-1

PR 9213

8/19

19408

-2
 8/19

19409

bk 10/4
 -3
 8/19

19410

-4
 8/18

19411

P/P ✓

-5
 8/18

19412

19413	B8131A4-B _{x2} -278-2-1	8/19	PR 9216
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19414	-2	8/19	
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19415	-3	8/19	
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19416	-4	8/19	
-------	----	------	--

19417	-5	8/19	
-------	----	------	--

19418	B8131A4-B _{x2} -282-1-1	8/21	PR 9218
-------	----------------------------------	------	---------

19419	-2	8/21	
-------	----	------	--

19420	-3	8/21	
-------	----	------	--

-4

8/21

19421

-5

8/21

19422

53

Toro 2

parrot beaks

8/21

19423

bx 1014

B8131A4-Bk₂-301-1-1

PR 9221

8/18

19424

-2

8/19

19425

-3

8/19

19426

-4

8/19

19427

-5

8/18

19428

19429

B8131A4-Bk₂-303-3-1

8/18

PR 9227

19430

-2

8/18

19431

copy
books

-3

8/18

19432

-4

8/18

19433

-5

8/18

19434

B8131A4-Bk₂-306-2-1

8/19

PR 9229

19435

-2

8/19

✓ PIP
bk 1014

19436

-3

8/19

-4

8/20

19437

-5

8/19

19438

B8131A4-Bk₂-307-1-1

PR 9231

8/25

19439

-2

8/25

19440

-3

8/28

19441

-4

8/25

19442

-5

8/25

19443

B8131A4-Bk₂-310-1-1

PR 9234

8/21

19444

19445

-2

8/20

19446

-3

8/20

19447

-4

8/20

19448

-5

8/23

19449

L-201

8/14

10952

bk 10/4

19450

B8131A4-Bk₂-311-1-1

8/17

PR 9237

19451

-2

8/16

19452

-3

8/16

through good

-4

8/15

19453

*pip**br 1014*

-5

8/18

19454

B8131A4 - Br₂ - 314-1-1

PR 9240

8/19

19455

-2

8/19

19456

breaks

-3

8/19

19457

severe frost

-4

8/19

19458

-5

8/19

19459

B8131A4 - Br₂ - 320-1-1

PR 9243

8/22

19460

19461

-2

8/22

19462

-3

8/22

19463

-4

8/20

19464

-5

8/19

19465

B8131A4-Bk₂-322-1-1

8/16

PR9246

19466

-2

8/16

19467

-3

8/15

19468

-4

8/18

-5

8/20

19469

B8131A4-Bk₂-325-3-1

PR9252

8/20

19470

-2

8/19

19471

-3

8/20

19472

-4

8/19

19473

-5

8/19

19474

BBLE

353

8/22

19475

bk 10/4

B8131A4-Bk₂-327-1-Bk

PR9253

8/19

19476

bk

85/1116

19477

-Bk

8/19

19478

-Bk

8/19

19479

BS131A4-Bk₂-329-3-1

8/15

PR9258

19480

-2

8/18

19481

-3

8/18

19482

-4

8/17

✓ pp

bk 1014

19483

-5

8/18

19484

BS131A4-Bk₂-345-1-1

8/22

PR9271

-2

8/23

19485

-3

8/20

19486

-4

8/21

19487

-5

8/21

19488

BS131A4 - Bk₂ - 347-1 - Bk

PR9274

8/15

19489

bk

85/1098

-Bk

8/15

19490

-Bk

8/14

19491

BS131A4 - Bk₂ - 348-3-1

PR9280

8/14

19492

19493 -2
8/19

19494 -3
8/18

19495 -4
8/19

19496 -5
8/20

19497 B8131A4-Bk₂-358-2-1
8/17 PR 9285
85/1080

19498 -2
8/17

19499 -3
8/17

19500 -4
8/18

✓ p/p

Seeded: 6/4/85

63

BB131A4-Bk₂-364-2-1

PR9288

8/25

19501

-2

8/23

19502

thresh good

-3

8/20

19503

✓
p/p
bk 10/4

-4

8/19

19504

-5

8/19

19505

BB131A4-Bk₂-365-1-Bk

PR9290

8/19

19506

bk

85/1079

-Bk

8/18

19507

✓
p/p
bk 10/4

thresh good

-Bk

8/19

19508

19509	B8131A4 - Bk ₂ - 373 - 1 - Bks 85/1089	8/14	PR9299 bk
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19510	through OK	8/14	-Bk
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✓ PIP
bk 10/4

19511		8/14	-Bk
-------	--	------	-----

19512	B8131A4 - Bk ₂ - 373 - 3 - 1	8/14	PR9301
-------	---	------	--------

19513		8/14	-2
-------	--	------	----

19514		8/14	-3
-------	--	------	----

✓ PIP

19515		8/16	-4
-------	--	------	----

19516		8/15	-5
-------	--	------	----

PR9303

B8131A4 - Bk₂ - 376 - 2 - 1

8/16

19517

-2

8/14

19518

p/10

bk 10/4

-3

8/14

19519

-4

8/14

19520

-5

8/15

19521

35

Leah

8/25

19522

bk 10/4

PR9306

B8131A4 - Bk₂ - 379 - 2 - Bk

8/13

19523

bk

85/1099

p/10

-Bk

8/13

19524

19525

-Bk

8/13

19526

B8131A4-Bk₂-382-3-1

8/17

PR9310

✓
pip
19527

-2

8/17

19528

-3

8/17

19529

-4

8/19

19530

-5

8/19

19531

B8131A4-Bk₂-384-1-1

8/15

PR9311

✓
pip
19532

-2

8/14

very good new
brush ok

BK 10/4

-3

8/19

19533

-4

8/15

19534

-5

8/15

19535

rip ✓

B8131A4-Bk₂-386-1-1

PR9314

8/20

19536

-2

8/20

19537

-3

8/20

19538

-4

8/21

19539

-5

8/19

19540

rip ✓

19541

B8130A5-BK-5-1-2-1

8/17

PR9319

✓ pip

shorter; Th_{ok}

bk 10/4

19542

-2

8/18

19543

-3

8/23

good row

no pip

bk 10/4

19544

-4

8/16

19545

-5

8/18

19546

B8130A5-BK-5-4-3-1

8/19

PR9323

19547

-2

8/19

19548

-3

8/19

-4

8/20

19549

✓
Pp

bk 10/4

-5

8/20

19550

LMNT

Fd

8/27

19551

bk 10/4

B8130A5-BK-8-5-1-1

PR9327

8/18

19552

-2

8/19

19553

-3

8/20

19554

-4

8/20

19555

-5

8/19

19556

19557 B8130A5-Bk-15-5-2-1 8/18 PR9334

19558 -2 8/17

19559 -3 8/16
✓ P/P shorter; good; Tok

19560 -4 8/18
bx 10/14

19561 -5 8/17

19562 B8130A5-Bk-19-1-1-1 8/24 PR9336

19563 -2 8/24

19564 -3 8/24

-4

8/23

19565

-5

8/23

19566

B8130A5-Bk-27-5-3-1

PR9344

8/28

19567

-2

8/28

19568

-3

8/26

19569

-4

8/27

19570

-5

8/29

19571

B8130A5-Bk-34-1-2-1

PR9346

8/21

19572

19573

2
8/19

19574

-3
8/18

19575

-4
8/17

19576

-5
8/21

19577

BLMT

8/23

Fd

19578

BS130A5-Bk-38-1-3-Bk

8/20

PR9357

19579

-Bk
8/20

19580

-Bk
8/20

✓
PIP
↓

bK 10/4

85/1088

Good; Tok

bK 10/4

PIP

bK

PR9372	B8130A5-BK-48-4-3-1	8/24	19581
	-2	8/21	19582
	-3	8/22	19583
	-4	8/26	19584 P/p [✓] bk 10/4
	-5	8/25	19585
PR9373	B8130A5-BK-49-3-1-1	8/23	19586
	-2	8/21	19587 P/p [✓]
	-3	8/23	19588

19589

-4
8/23

19590

-5
8/23

19591

B8130A5-BK-64-1-2-1

8/26

PR9387

19592

-2
8/26

19593

-3
8/25

19594

-4
8/26

19595

-5
8/26

19596

B8130A5-BK-65-5-2-1

8/26

PR9390

✓ P1P

-2

8/27

19597

8/27
 8/27
 8/28
 8/26
 8/19
 8/21
 8/23

-3

8/27

19598

-4

8/28

19599

-5

8/26

19600

B8130A5-BK-73-2-2-BK

8/19

19601

-BK

8/19

19602

-BK

8/21

19603

B8130A5-BK-81-3-2-1

8/23

19604

PR9399

19605

-2

8/24

19606

-3

8/25

19607

-4

8/22

19608

-5

8/22

19609

B8130A5-BK-83-1-3-1

8/21

PR 9403

19610

-2

8/26

19611

-3

8/20

19612

-4

8/18

-5

8/18

19613

Tok

P/P ✓

b/c 10/4

B8130A5-Bk-85-3-3-1

PR9409

8/19

19614

-2

8/19

19615

P/P ✓

None Co?

-3

8/19

19616

-4

8/19

19617

-5

8/19

19618

B8130A5-Bk-85-4-2-1

PR9411

8/20

19619

-2

8/20

19620

P/P ✓

Excluded

19621

-3

8/20

19622

bk 10/4

-4

8/20

19623

-5

8/20

19624

LBNT

8/19

Fd

bk 10/4

19625

B8130A5-BK-90-5-1-1

8/26

PR9413

19626

-2

8/25

19627

-3

8/26

19628

-4

8/26

-5

8/26

19629

38130A5-BK-91-2-1-1

PR9416

8/16

19630

-2

8/17

19631

Tok, HFS;

BK 10/4

-3

8/17

19632

Pip ✓

-4

8/18

19633

-5

8/17

19634

38130A5-BK-91-5-2-1

PR9420

8/17

19635

-2

8/16

19636

Pip ✓

BK 10/4

19637

-3
8/14

19638

-4
8/17

19639

-5
8/17

19640

B8130A5-BK-94-1-3-BK

8/18

PR9424
BK

19641

-BK
8/17

19642

-BK
8/18

19643

B8130A5-BK-97-3-1-1

8/24

PR9426

19644

-2
8/23

-3

8/25

19645

parrot

-4

8/25

19646

-5

8/24

19647

B8130A5-BK-102-5-2-1

PR 9430

8/17

19648

-2

8/16

19649

P/k ✓

-3

8/15

19650

-4

8/17

19651

-5

8/19

19652

19653	RUB303116	8/15	116
b/c 10/4			

19654	B8130A5-BK-111-3-1-1	8/19	PR9432
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19655		-2 8/19	
-------	--	------------	--

19656		-3 8/19	
-------	--	------------	--

19657		-4 8/19	
-------	--	------------	--

19658		-5 8/16	
✓ PIP			

19659	B8130A5-BK-115-2-3-1	8/16	PR9437
-------	----------------------	------	--------

19660		-2 8/25	
-------	--	------------	--

-3

8/25

19661

-4

8/25

19662

-5

8/25

19663

BB130A5-Bk-120-4-1-1

PR 9438

8/26

19664

-2

8/26

19665

-3

8/26

19666

✓
P/P

-4

8/26

19667

-5

8/26

19668

B8130A5-BK-121-3-1-1

19669

8/22

PR9441

19670

-2

8/21

19671

-3

8/21

✓
P/p

19672

-4

8/22

19673

-5

8/24

LBLE-X2-2

19674

8/17

3800

bx 10/4

B8130A5-BK-134-4-2-1

19675

8/28

PR9452

19676

-2

8/28

-3

8/30

19677

-4

8/27

19678

pip ✓

-5

8/30

19679

B8130A5-Bk-136-1-2-Bk

PR 9455

bk

8/20

19680

-Bk

8/20

19681

pip ✓

bk 10/4

-Bk

8/20

19682

B8130A5-Bk-143-2-1-1

PR 9466

8/19

19683

-2

8/22

19684

19685

-3

8/17

19686

-4

8/19

19687

-5

8/18

✓ PIP

19688

B8130A5-BK-145-5-1-BK

8/18

PR9469
bk

19689

-BK

8/18

✓ PIP

19690

-BK

8/18

19691

B8130A5-BK-151-1-1-1

8/19

PR9479

19692

-2

8/17

✓ PIP

-3

8/20

19693

-4

8/19

19694

-5

8/16

19695

B8130A5-BK-160-5-1-1

PR9485

8/20

19696

-2

8/16

19697

-3

8/19

19698

-4

8/20

19699

-5

8/20

19700

P/P ✓

19701 B8130A5-Bk-161-5-1-1 8/19 PR9488

✓ PR

bk/10/4

19702 -2 8/17

19703 Lot -3 8/18

19704 -4 8/16

19705 -5 8/15

19706 B8130A5-Bk-164-1-2-Bk 8/16 PR9492
bk

19707 -Bk 8/15

19708 -Bk 8/16

B8130A5-BK-166-2-1-BK

PR9497

8/19

bk

19709

-BK

8/19

19710

-BK

8/19

19711

B8130A5-BK-174-5-2-1

PR9504

8/20

19712

P/c

bk 10/4

-2

8/20

19713

-3

8/20

19714

-4

8/19

19715

-5

8/18

19716

19717	B8130A5-BK-179-1-2-1	8/16	PR9507
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19718		8/17	-2
-------	--	------	----

19719		8/17	-3
-------	--	------	----

19720		8/16	-4
-------	--	------	----

✓
P/P

19721		8/17	-5
-------	--	------	----

19722	CB801	8/28	CB
-------	-------	------	----

bK 10/4

19723	B8130A5-BK-182-2-2-1	8/15	PR9513
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✓
P/P

19724		8/18	-2
-------	--	------	----

-3

8/15

19725

-4

8/14

19726

-5

8/14

19727

B8130A5-BK-190-4-1-1

PR9515

8/27

19728

-2

8/27

19729

-3

8/27

19730

-4

8/29

19731

-5

8/29

19732

BS130A5-BK-192-1-1-1

19733

8/24

PR9519

✓ P/p

bk 10/4

-2

19734

8/26

19735

Tok

-3

8/24

19736

-4

8/26

19737

-5

8/26

BS130A5-BK-193-5-1-1

19738

8/23

PR9525

19739

-2

8/25

19740

-3

8/23

✓ P/p

-4

8/24

19741

-5

8/23

19742

B8130A5-BK-195-B-2-1

PR 9529

8/15

19743

-2

8/17

19744

-3

8/13

19745

rp ✓

bk 10/4

-4

8/14

19746

-5

8/14

19747

B8130A5-BK-3-1-1

PR 9531

8/22

19748

19749

-2

8/20

19750

-3

8/21

19751

-4

8/22

19752

-5

8/21

19753

CI9881

8/19

4986

bx 10/4

19754

B8130A5-BK₂-9-3-1

8/19

PR9536

19755

-2

8/19

19756

-3

8/19

✓ PR

-4

8/19

19757

-5

8/19

19758

BB130A5-BK₂-11-1-1

PR 9537

8/16

19759

Vp

brc 10/4

-2

8/16

19760

-3

8/15

19761

-4

8/16

19762

-5

8/16

19763

BB130A5-BK₂-17-2-1

PR 9541

8/21

19764

19765

-2

8/21

19766

-3

8/21

19767

-4

8/21

19768

-5

8/20

19769

BB130A5-Bk₂-20-1-1

8/17

PR9543

19770

-2

8/17

19771

-3

8/17

10⁴

✓ tip

bk 10/4

19772

-4

8/19

-5

8/19

19773

HR

RU8003005

8/13

19774

bk 10/4

B8130A5-Bk₂-21-2-Bk

PR9547

bk

8/16

19775

-Bk

8/15

19776

p/p ✓

-Bk

8/15

19777

B8130A5-Bk₂-25-1-Bk

PR9550

bk

8/16

19778

-Bk

8/16

19779

p/p ✓

-Bk

8/16

19780

19781	B8130A5-Bk ₂ -28-1-1	7/20	PR9553
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19782		-2 7/20	
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19783		-3 7/20	
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19784		-4 7/20	
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19785		-5 7/19	
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19786	B8130A5-Bk ₂ -37-3-1	8/19	PR9561
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19787		-2 8/24	
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19788		-3 8/21	
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-4

8/23

19789

-5

8/23

19790

B8130A5-Bk₂-45-3-1

PR9567

8/23

19791

-2

8/23

19792

-3

8/20

19793

TOK

P/P ✓

bk 10/4

-4

8/22

19794

-5

8/18

19795

B8130A5-Bk₂-62-2-1

PR9572

8/20

19796

19797

-2

8/19

19798

-3

8/19

19799

-4

8/22

19800

-5

8/22

19801

B8130A5-Bk₂-11-3-1

8/16

PR9586

✓ P/p

19802

-2

8/16

19803

-3

8/17

19804

-4

8/15

-5

8/16

19805

BB130A5-Bk₂-73-3-1

PR9589

8/25

19806

-2

8/22

19807

-3

8/20

19808

light

p ✓

-4

8/23

19809

-5

8/21

19810

BB130A5-Bk₂-78-3-1

PR9592

8/19

19811

p ✓

-2

8/20

19812

19813

-3
8/25

19814

-4
8/19

19815

-5
8/20

19816

B8130A5-Bk₂-79-2-1
8/20

PR9594

19817

-2
8/23

19818

-3
8/20

✓
9/1r
19819

-4
8/22

19820

-5
8/20

PR 9596 bk	B8130A5-Bk ₂ -82-1-Bk	8/15	19821
	-Bk	8/15	19822
	-Bk	8/16	19823
71	Costa Rica 1113	8/28	19824 bk 10/4
PR 9603	B8130A5-Bk ₂ -84-3-1	8/17	19825 pp ✓ bk 10/4
	-2	8/17	19826
T ok	-3	8/21	19827
	-4	8/15	19828

19829

-5

8/17

19830

B8130A5-BK₂-88-3-1

8/16

PR9606

✓ flip

bk 10/4

19831

-2

8/16

19832

7.
x10

-3

8/16

19833

-4

8/17

19834

-5

8/17

19835

B8130A5-BK₂-95-1-BK

8/19

PR9610

bk

19836

-BK

8/19

-Bk

8/19

19837

PR 9614

B8130A5-Bk₂-96-2-1

8/18

19838

-2

8/19

19839

-3

8/17

19840

-4

8/15

19841

-5

8/17

19842

B8130A5-Bk₂-97-1-Bk

PR 9616

bks

8/19

19843

-Bk

8/19

19844

19845

-Bk

8/20

19846

B8130A5-Bk₂-102-1-1

8/16

PR9619

19847

-2

8/16

19848

-3

8/15

19849

-4

8/19

19850

-5

8/18

19851

RU8303046

8/16

HR

bk 1014

19852

B8130A5-Bk₂-118-1-Bk

8/15

PR9632

bk

-Bk

8/15

19853

p/p ✓

-Bk

8/15

19854

B8130A5-Bk₂-119-3-Bk

PR 9637

bk

8/16

19855

-Bk

8/15

19856

p/p ✓

-Bk

8/17

19857

B8130A5-Bk₂-123-1-Bk

PR 9638

bk

8/17

19858

-Bk

8/16

19859

-Bk

8/17

19860

19861	B8130A5-Bk ₂ -140-1-1	8/19	PR9654
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19862		-2 8/19	
-------	--	------------	--

19863		-3 8/19	
-------	--	------------	--

19864		-4 8/19	
-------	--	------------	--

19865		-5 8/19	
-------	--	------------	--

19866	B8130A5-Bk ₂ -153-3-1	8/19	PR9662
-------	----------------------------------	------	--------

19867		-2 8/19	
-------	--	------------	--

19868		-3 8/19	
-------	--	------------	--

-4

8/20

19869

-5

8/20

19870

B8130A5-Bk₂-157-1-Bk

PR9663

bk

8/16

19871

-Bk

8/17

19872

-Bk

8/16

19873

R08303181

HR

contains mythes?

8/23

19874

bk 1014

B8130A5-Bk₂-168-3-1

PR9671

8/17

19875

-2

8/16

19876

19877

8/16 -3

19878

8/16 -4

19879

8/18 -5

✓
Pp
19880

B8130A5-Bk₂-173-1-1

8/15

PR9672

✓
Pp
bx 10/4
19881

8/16 -2

19882

Tok

8/16 -3

19883

8/16 -4

19884

8/18 -5

PR 9677 B8130A5-Bk₂-186-2-1

8/16

19885

-2

8/16

19886

-3

8/16

19887

T OK

-4

8/17

19888

Pip ✓

br 10/4

-5

8/17

19889

PR 9680 B8130A5-Bk₂-188-2-1

8/23

19890

-2

8/26

19891

-3

8/26

19892

19893

-4

8/27

19894

-5

8/25

19895

B8130A5-Bk₂-194-1-Bk

8/19

PR9685
bk

19896

-Bk

8/20

19897

-Bk

8/20

19898

B8130A5-Bk₂-197-2-1

8/23

PR9689

19899

-2

8/23

19900

-3

8/24

✓
HP

-4

8/25

19901

-5

8/24

19902

PR9694

B8130A5-Bk₂-219-1-1

8/25

19903

-2

8/25

19904

-3

8/25

19905

bp ✓

-4

8/25

19906

-5

8/26

19907

PR9698

bk

B8130A5-Bk₂-220-

8/14

19908

8/4 ✓
b15 10/4

19909

8/14

19910

8/14

19911

B8130A5-Bk₂-222-3-1

8/15

PR9702

19912

-2

8/20

19913

-3

8/20

19914

-4

8/20

19915

-5

8/20

19916

B8130A5-Bk₂-225-1-1

8/20

PR9703

-2

8/19

19917

-3

8/20

19918

-4

8/22

19919

Pip ✓

-5

8/21

19920

B8130A5 - Bk₂ - 233-3 - BkPR 9708
bk

8/20

19921

-Bk

8/22

19922

-Bk

8/22

19923

NWBT

AR Ed

8/29

19924

bk 10/4

19925 B8130A5-Bk₂-238-3-1
8/23 PR 9714
bk

19926 -2
8/23
✓
f/p

19927 -3
8/22

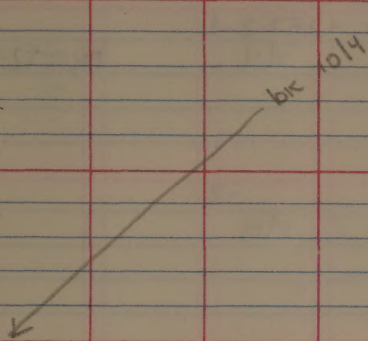
19928 B8130A5-Bk₂-244-1-Bk
8/17 PR 9715

19929 -Bk
8/18
✓
f/p

19930 -Bk
8/19

19931 B8130A5-Bk₂-246-3-1
8/22 PR 9720

19932 -2
8/22
↑



-3

8/20

19933

P/p ✓

-4

8/18

19934

-5

8/22

19935

PR 9721

B8130A5-BK₂-248-1-1

8/17

19936

-2

8/17

19937

T BK
eng. only
Next

bik 10/4

-3

8/16

19938

P/p ✓

-4

8/21

19939

-5

8/16

19940

19941

B8130A5-Bk₂-257-2-1

8/21

PR 9729

19942

-2

8/19

19943

-3

8/18

19944

-4

8/19

19945

-5

8/19

19946

B8130A5-Bk₂-259-2-1

8/19

PR 9732

19947

-2

8/20

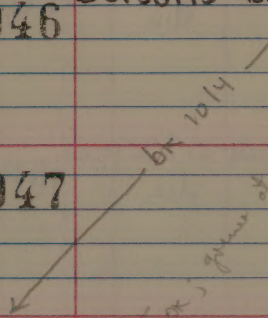
19948

-3

8/13

Tok; present at mtg

Tok; present at mtg



✓
np

BK 10/4

✓
np

-4

8/19

19949

-5

8/18

19950

mptures

TBNT

AR Fd

8/15

19951

*bx 1014*B8130A5 - B_k₂ - 265-1-1

PR 9740

8/21

19952

-2

8/21

19953

-3

8/20

19954

-4

8/20

19955

-5

8/19

19956

P/p ✓

19957	B8130A5 - Bk ₂ - 268-3 - Bk	8/17	PR9745 bk
-------	--	------	--------------

19958	-Bk	8/18	
-------	-----	------	--

✓
pip

19959	-Bk	8/17	
-------	-----	------	--

19960	B8130A5 - Bk ₂ - 281-3 - 1	8/20	PR9752
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✓
pip

19961	-2	8/19	
-------	----	------	--

19962	-3	8/20	
-------	----	------	--

19963	-4	8/20	
-------	----	------	--

19964	-5	8/20	
-------	----	------	--

PR 9756 B8130A5-Bk₂-295-1-1

8/22

19965

-2

8/21

19966

ep ✓

-3

8/22

19967

-4

8/21

19968

-5

8/21

19969

PR 9764 B8130A5-Bk₂-302-3-1

8/17

19970

ep ✓

bx 10/14

-2

8/16

19971

TOK

-3

8/17

19972

19973		-4 8/17	
19974		-5 8/15	
19975	NWRX	8/22	Fd
	bk 10/4		
19976	B8130A5-BK ₂ -304-2-1	8/16	PR 9766
	✓ PR		
19977		-2 8/17	
19978		-3 8/17	
19979		-4 8/19	
19980		-5 8/18	

B8130A5-B_{K2}-314-3-B_K
PR 9770 bk 8/17 19981

-B_K
8/16 19982

-B_K
8/16 19983
P/P

B8130A5-B_{K2}-316-3-B_K
PR 9773 bk 8/22 19984

-B_K
8/24 19985

-B_K
8/23 19986

B8130A5-B_{K2}-319-2-B_K
PR 9776 bk 8/24 19987

-B_K
8/23 19988

19989 -Bk
8/23

19990 B8130A5-Bk₂-327-1-Bk
8/21 PR 9784
bk

✓
19991 -Bk
8/21
pip

19992 -Bk
8/21

19993 B8130A5-Bk₂-334-3-Bk
8/21 PR 9789
bk

19994 -Bk
8/21

19995 -Bk
8/21

19996 B8130A5-Bk₂-337-1-1
8/26 PR 9790

-2

8/26

19997

-3

8/26

19998

-4

8/26

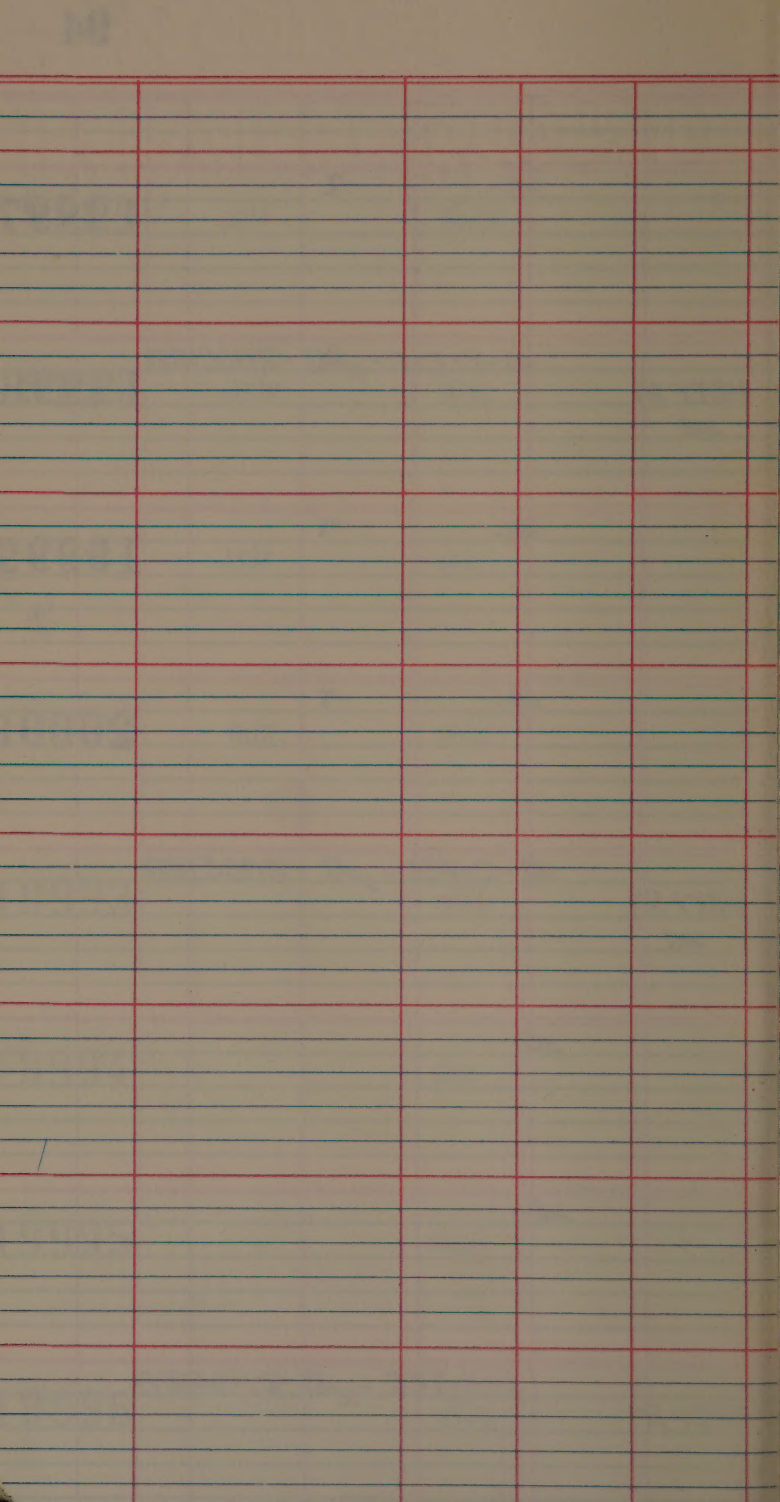
19999

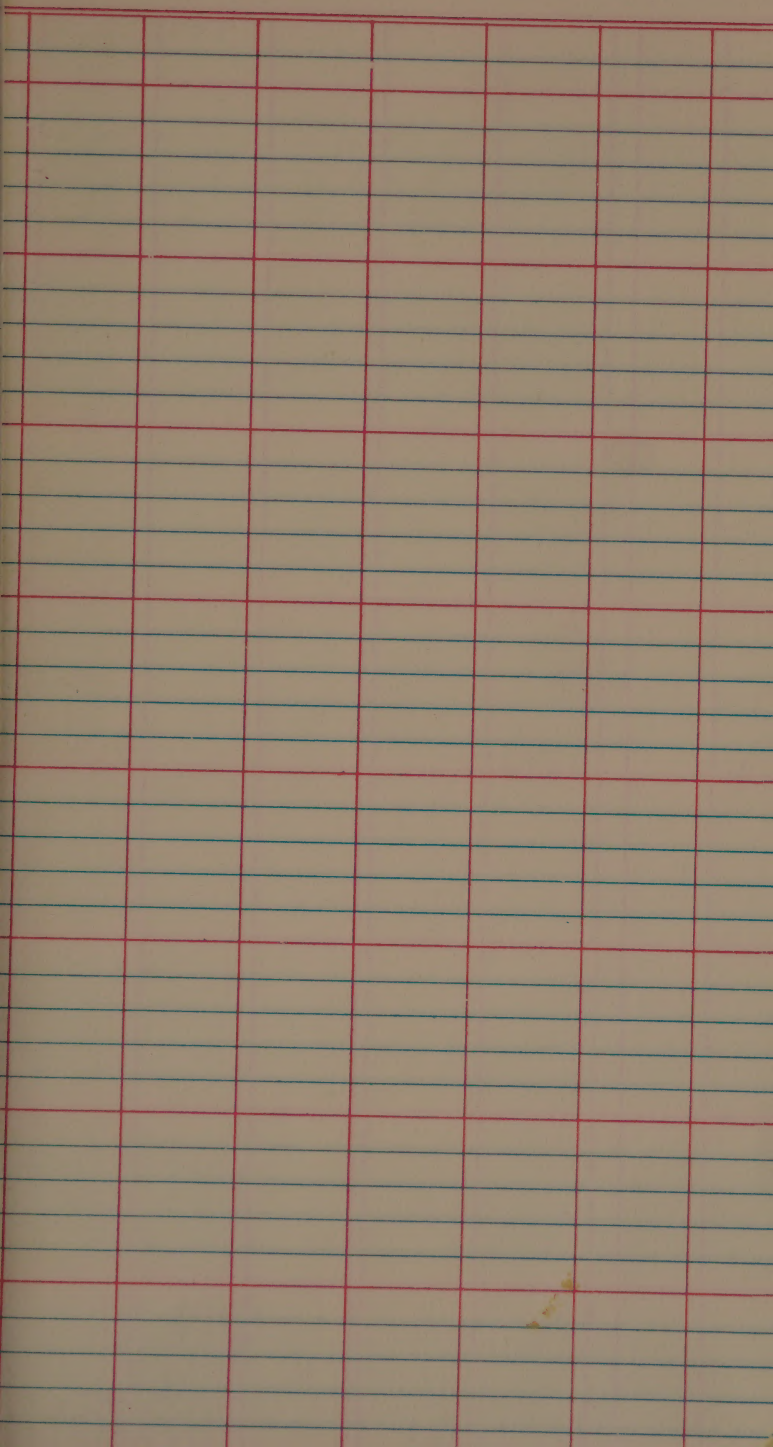
P/h ✓

-5

8/28

20000





B8435A = 84-930/LMNT

B8436A = 84-930/8303046

B8443A = CI 11048/LMNT

B8444A = WC 1403/LMNT

B8445A = WC 1403/8303046

B8447A = 8303181/WC 1711

B848A = LEAH/B003050*2 F, //ELBL

B8131A = LEAH/8003050

B8130A = LEAH/LMNT

B8410A = LBLE-X2-2/8303116

B8411A = LBLE-X2-2/LMNT

B8412A = 7703097/Short MARS

B8413A = 8303169/LEAH

B8414A = 8303169/DLLA

B8416A = LBNT/VSTA

B8417A = VSTA/325893

B8421A = Qing Qun Wang/Short MARS

B8422A = B7836A1-44-5/LMNT

B8423A = Hunan Early Dwf 8/Short MARS

B8424A = " 9/ " "

B8425A = 84/669/8303046

B8426A = 84-669/LEAH

B8427A = 84-1277/LMNT

B8428A = 84-1282/LMNT

B8429A = 84-1282/8303116

B8431A = CR11113/8303169

B8434A = 8303046/84-8808

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

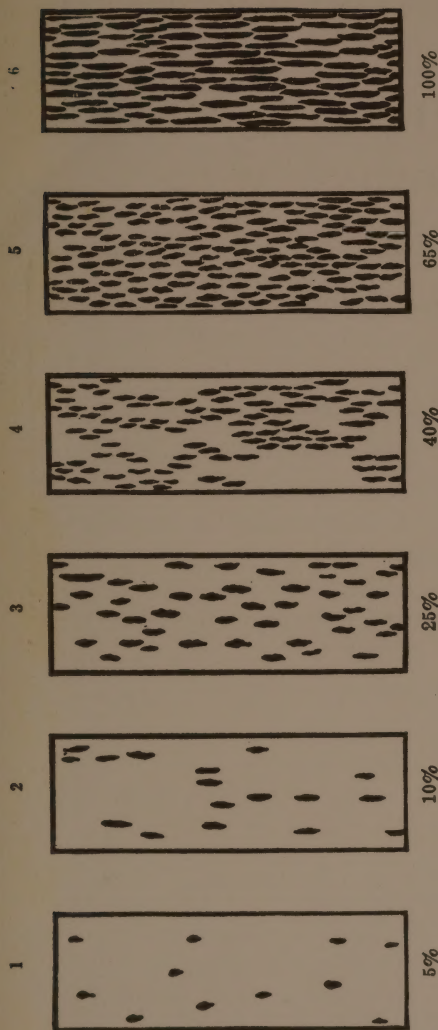
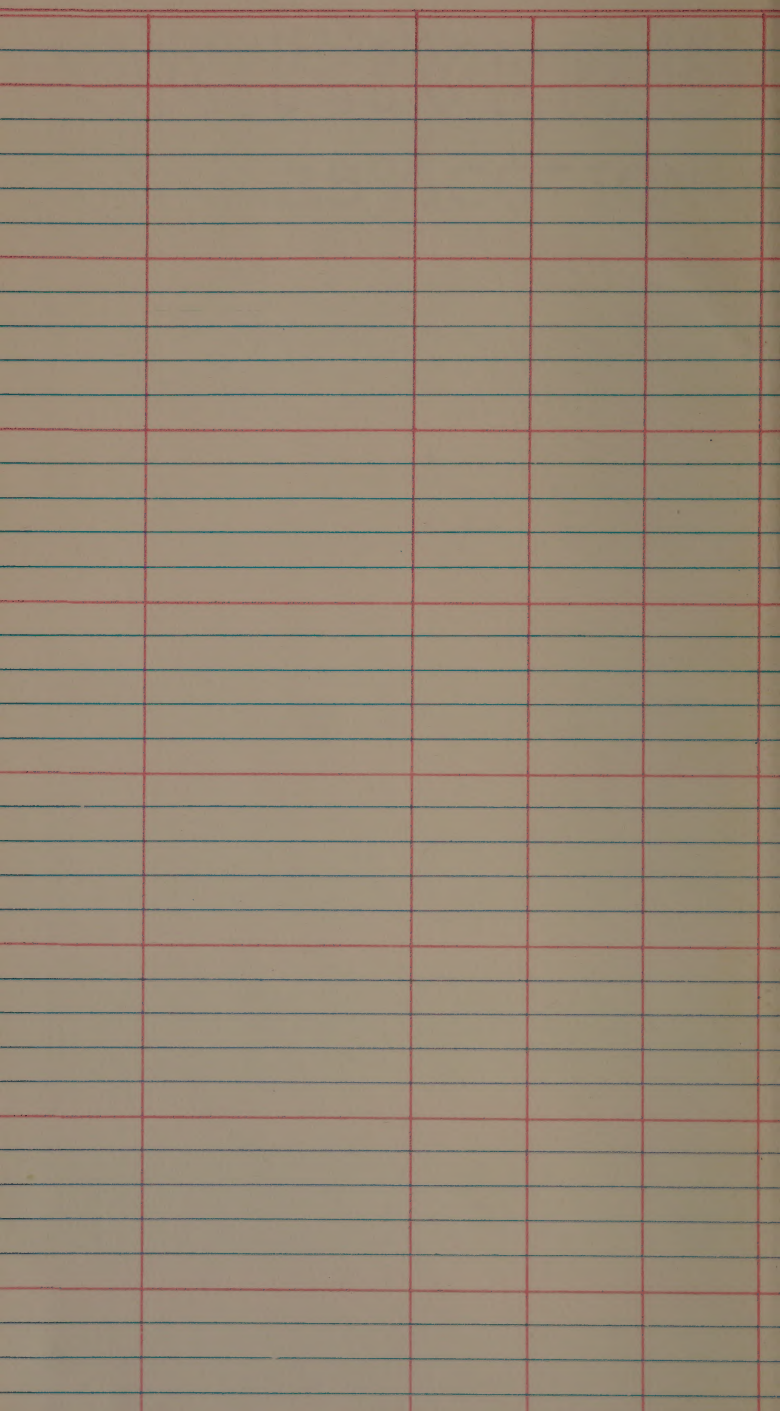
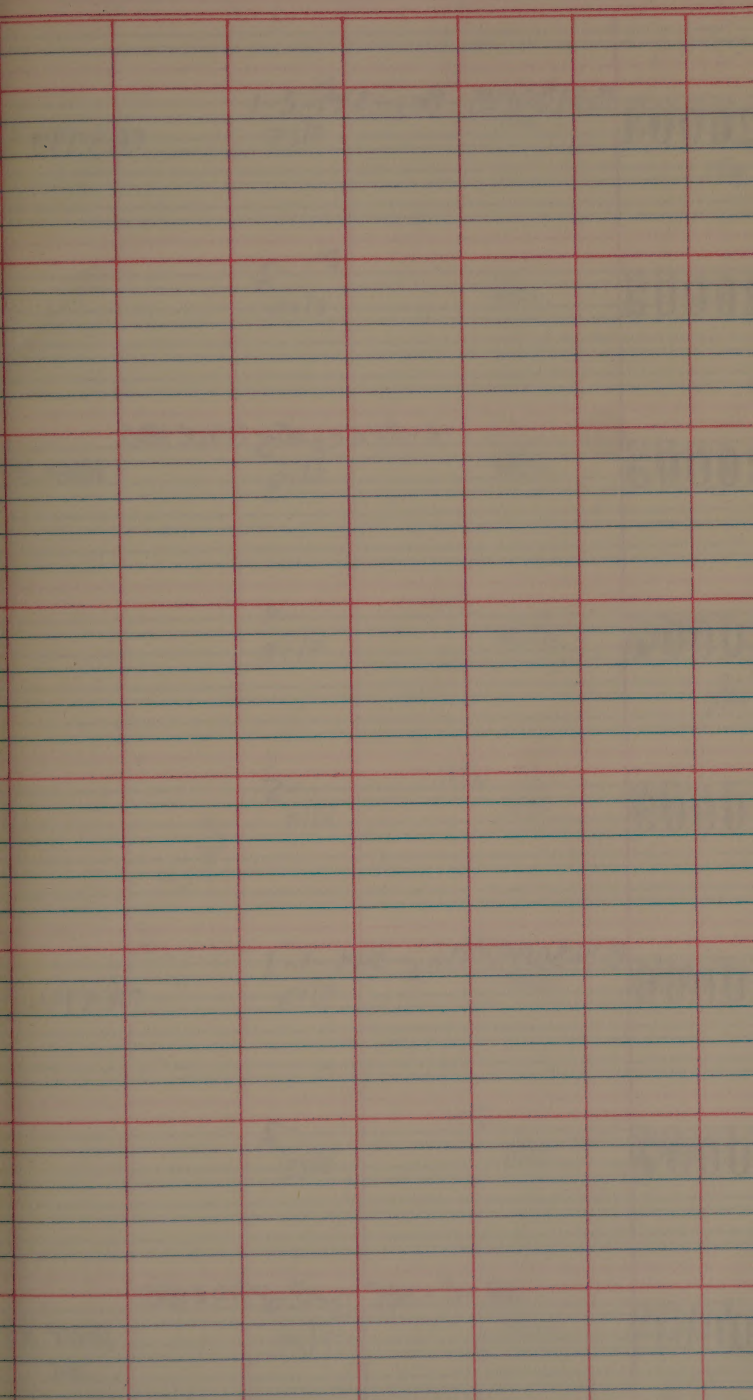


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





B8130A5-Bk₂-339-2-1

20001

8/25

PR 9794

-2

20002

8/18

-3

20003

8/18

-4

20004

8/18

-5

20005

8/19

B8130A5-Bk₂-344-1-1

20006

8/13

PR 9796

-2

20007

8/22

-3

20008

8/19

-4

8/16

20009

tip ✓

-5

8/15

20010

B8130A5-BK₂-349-3-1

PR 9801

8/23

20011

-2

8/23

20012

p/s ✓

-3

8/23

20013

xyl

-4

8/22

20014

-5

8/22

20015

B8130A5-BK₂-354-3-BK

PR 9810

8/22

20016

BK

20017

-Bk
8/23

20018

-Bk
8/22

20019

BS130A5-BK₂-357-3-1
8/18

PR 9813

20020

-2
8/16

20021

-3
8/18

20022

-4
8/20

20023

-5
8/18

20024

CICA-6

8/25

168

bk 10/4

PR 9818	B8130A5-Bk ₂ -369-2-1	8/23	20025
	-2	8/20	20026
	-3	8/21	20027
	-4	8/18	20028
	-5	8/19	20029
PR 9828	B8130A5-Bk ₂ -377-2-1	8/22	20030
	-2	8/20	20031
	-3	8/20	20032

20033

-4

8/20

20034

-5

8/22

20035

B8130A5-Bk₂-379-3-1

8/23

PR 9832

20036

-2

8/22

20037

-3

8/24

✓ OK

20038

-4

8/23

✓ PIP

bk 1014

20039

-5

8/23

20040

B8130A5-Bk₂-384-1-1

8/23

PR 9836

-2

8/23

20041

p/p ✓

Tok, good

-3

8/24

20042

-4

8/23

20043

-5

8/24

20044

B8130A5-Bk₂-386-3-Bk

PR 9841

bk

8/19

20045

-Bk

8/19

20046

Tok

p/p ✓

bk 10/14

-Bk

8/19

20047

B8130A5-Bk₂-395-2-Bk

PR 9846

bk

8/21

20048

20049

8/21

-Bk

20050

8/21

-Bk

20051

RV8303169

8/23

32

bk 10/4

20052

88130A5-Bk₂-401-3-1

8/19

PR 9850

20053

8/21

-2

20054

8/23

-3

def 5

tok ?

20055

8/22

-4

20056

8/20

-5

✓ PIP

bk 10/4

B8130A5-Bk₂-408-1-1

PR 9852

8/21

20057

-2

8/19

20058

PR[✓]

-3

8/19

20059

-4

8/20

20060

-5

8/20

20061

B8130A5-Bk₂-413-2-1

PR 9856

8/21

20062

-2

8/22

20063

-3

8/22

20064

20065

8/22

-4

20066

8/22

-5

✓
pip
20067

B8130A5-Bk₂-418-3-Bk

8/14

PR 9860

bk

✓
pip
bk 1014
20068

102

8/14

-Bk

20069

8/14

-Bk

20070

B8130A5-Bk₂-421-3-1

8/19

PR 9863

✓
pip
20071

8/19

-2

20072

8/19

-3

-4

8/19

20073

-5

8/19

20074

DLA

3175

8/24

20075

bk 10/4

B8130A5-Bk₂-424-3-1

PR 9866

8/20

20076

-2

8/20

20077

-3

8/21

20078

-4

8/20

20079

-5

8/22

20080

20081

B8130A5-Bk₂-426-1-1

8/23

PR9867

20082

-2

8/23

20083

-3

8/23

20084

-4

8/25

20085

-5

8/24

✓
Pr

20086

B8130A5-Bk₂-431-2-1

8/22

PR9874

20087

-2

8/22

20088

-3

8/23

Paint
brush

-4

8/25

20089

-5

8/25

20090

B8130A5-Bk-204-1-1

PR 9880

8/22

20091

-2

8/20

20092

11p[✓]

bk 1014

-3

8/21

20093

-4

8/20

20094

-5

8/21

20095

B8130A5-Bk-222-2-1

PR 9884

8/22

20096

Seeded: 6/5/85

20097

-2

8/23

20098

-3

8/22

20099

-4

8/23

20100

-5

8/29

20101

B8130A5-BK-224-3-1

8/22

PR9888

20102

-2

8/19

20103

-3

8/23

20104

-4

8/21

✓ PP
BK 10/4

-5

8/23

20105

B8130A5-Bk-230-2-1

PR 9890

8/19

20106

P/P

-2

8/18

20107

-3

8/19

20108

-4

8/19

20109

-5

8/23

20110

B8130A5-Bk-232-3-1

PR 9894

8/20

20111

-2

8/20

20112

20113

-3
8/23

20114

-4
8/21

20115

-5
8/21

20116

B8130A5-Bk-239-1-1

8/19

PR9895

20117

-2
8/19

20118

-3
8/19

✓
PR

20119

-4
8/20

20120

-5
8/18

B8130A5-BK-251-2-BK

PR 9902

bk

8/16

20121

-BK

8/19

20122

p/p ✓

-BK

8/16

20123

STBN

TG

20124

bk 10/4

B8130A5-BK-253-1-1

PR 9904

8/19

20125

-2

8/19

20126

-3

8/19

20127

TOK

-4

8/19

20128

p/p ✓

bk 10/4

20129

-5

8/19

20130

B8130A5-Bk-254-1-Bk

8/15

PR 9907
bk

20131

-Bk

8/15

TOK

✓ PR

bk 10/4

20132

-Bk

8/14

20133

B8130A5-Bk-256-3-1

8/20

PR 9912

20134

-2

8/22

20135

-3

8/18

✓ PR

20136

-4

8/18

-5

8/17

20137

B8130A5-Bk-263-3-1

PR 9915

8/15

20138

-2

8/14

20139

-3

8/20

20140

-4

8/20

20141

-5

8/20

20142

B8130A5-Bk-265-1-1

PR 9916

8/23

20143

-2

8/23

20144

20145

-3

8/23

20146

-4

8/23

20147

-5

8/23

20148

B8130A5-BK-291-1-1

8/26

PR 9922

20149

-2

8/26

20150

-3

8/25

D5

✓ PP

bx 10/4

20151

-4

8/26

20152

-5

8/26

parted heads

growth at net.
shed fly

52

RU8003050

8/25

20153

bx 10/4

PR9927

B8130A5-BK-307-2-1

8/21

20154

-2

8/19

20155

11p

-3

8/19

20156

-4

8/21

20157

-5

8/20

20158

PR9931

B8130A5-BK-310-3-1

8/19

20159

-2

8/20

20160

20161	-3	8/20
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20162	-4	8/20
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20163	-5	8/24
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20164	B8130A5-BK-322-3-BK	8/14	PR 9934 bk
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20165	-BK	8/15
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20166	-BK	8/16
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20167	B8130A5-BK-326-1-1	8/21	PR 9935
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20168	-2	8/20
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-3

8/20

20169

-4

8/20

20170

-5

8/20

20171

Fd

LMNT

8/27

20172

tight!

bk 10/4

B8130A5-Bk-343-3-1

PR 9943

8/17

20173

-2

8/18

20174

-3

8/17

20175

TOK

P/P ✓

bk 10/4

-4

8/17

20176

20177

8/18

-5

20178

B8130A5-Bk-349-2-1

8/18

PR 9945

20179

8/18

-2

PR

20180

8/18

-3

20181

8/14

-4

20182

8/16

-5

20183

B8130A5-Bk-350-3-1

8/16

PR 9949

20184

8/16

-2

-3

8/16

20185

P/18 ✓

-4

8/15

20186

-5

8/15

20187

B8130A5-BK-352-1-1

PR 9951

8/25

20188

-2

8/26

20189

-3

8/26

20190

-4

8/26

20191

-5

8/24

20192

20193	B8130A5-Bk-357-1-1	8/26	PR 9954
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20194		-2 8/25	
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20195		-3 8/25	
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20196		-4 8/26	
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20197		-5 8/27	
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20198	B8130A5-Bk-363-2-1		PR 9961
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20199		-2	
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20200		-3	
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20201

-5

8/26

20202

B8130A5-BK-368-3-1

PR 9965

8/24

20203

P/P ✓

-2

8/24

20204

-3

8/24

20205

-4

8/24

20206

-5

8/24

20207

B8130A5-BK-371-1-1

PR 9966

8/19

20208

20209

8/19 -2

20210

8/18 -3

20211

8/17 -4

20212

8/19 -5

20213

B8130A5-Bx-374-1-1

8/26

PR 9969

20214

8/26 -2

20215

8/25 -3

20216

8/26 -4

-5

8/26

20217

BE130A5-Bk-385-2-1

PR 9973

8/20

20218

-2

8/20

20219

-3

8/20

20220

-4

8/20

20221

-5

8/20

20222

BLMT

Fd

8/21

20223

bx 10/4

BT921A1-Bk5-2-3-Bk

PR 9978

8/15

20224

bx

20225

-Bk
8/15

20226

-Bk
8/14

20227 B7921A1-Bk₅-5-2-1

8/23

PR 9980

20228

-2
8/22

20229

-3
8/21

20230

-4
8/21

bk 10/7

20231

-5
8/21

20232 B7921A1-Bk₅-6-2-1

8/18

PR 9983

-2

8/15

20233

-3

8/16

20234

bx 10/7

-4

8/15

20235

-5

8/15

20236

B7921A1-BK5-9-3-1

PR9987

8/14

20237

-2

8/14

20238

-3

8/14

20239

-4

8/15

20240

20241

8/14 -5

20242

BT921A1-BK5-11-3-1

8/17

PR 9990

20243

-2
8/17

20244

-3
8/17

20245

-4
8/18

bk 10/7

20246

-5
8/17

20247

BT921A1-BK5-13-2-1

8/19

PR 9992

bk 10/7

20248

-2
8/18

-3

8/17

20249

-4

8/23

20250

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8/20

20251

BOND

AR Fa

8/15

20252

bk 10/4

B7921A1 - Bk₃ - 18-3-1

PR 9996

8/15

20253

-2

8/15

20254

-3

8/15

20255

-4

8/15

20256

bk 10/7

20257

-5

8/15

20258

B7921A1-BK5-19-1-1

8/13

PR 9997

20259

-2

8/13

20260

-3

8/14

20261

-4

8/13

20262

-5

8/13

20263

B7921A1-BK5-22-3-1

8/15

PR 10002

20264

-2

8/16

-3

8/17

20265

bc 10/7

-4

8/13

20266

-5

8/16

20267

BT921A1 - Bkg - 24-1-1

PR 10003

8/18

20268

-2

8/19

20269

-3

8/18

20270

-4

8/18

20271

-5

8/18

20272

20273	LBLE	8/13	Fd
	bk 10/4		
20274	B7921A1 - Bk5-26-1- Bk	8/16	PR10006 bk
20275		-Bk 8/16	
20276		-Bk 8/16	
20277	B7921A1 - Bk5-27-2-1	8/20	PR10010
20278		-2 8/20	
20279		-3 8/20	
20280		-4 8/20	

-5

8/21

20281

B7921A1-Bk₅-29-2-Bk

PR 10013

bk

8/17

20282

-Bk

8/18

20283

bk 10/7

-Bk

8/17

20284

B7921A1-Bk₅-30-2-Bk

PR 10016

bk

8/18

20285

-Bk

8/18

20286

bk 10/7

-Bk

8/18

20287

B7921A1-Bk₅-34-3-Bk

PR 10020

bk

8/14

20288

20289

-Bk

8/14

20290

-Bk

8/14

20291

B7921A1-Bk5-36-3-1

8/23

PR 10023

20292

-2

8/23

20293

-3

8/23

20294

-4

8/23

20295

-5

8/23

20296

B7921A1-Bk5-38-2-1

8/23

PR 10026

	-2	8/24	20297
	-3	8/25	20298
	-4	8/25	20299
			bk 10/7
	-5	8/25	20300
BT921A1-BK5-39-1-1			
PR 10028		8/25	20301
			bk 10/7
	-2	8/25	20302
	-3	8/25	20303
	-4	8/25	20304

20305

-5
8/25

20306

B792(A)-Bk5-43-2-1

8/17

PR10032

20307

-2
8/19

20308

10/19

-3
8/19

20309

-4
8/20

bx 10/7

20310

-5
8/20

20311

B792(A)-Bk5-44-3-1

8/20

PR10036

bx 10/7

20312

-2
8/19

-3

8/21

20313

-4

8/20

20314

-5

8/19

20315

B7921A1-BK5-45-1-1

PR10037

8/21

20316

-2

8/21

20317

-3

8/22

20318

-4

8/20

20319

-5

8/20

20320

20321	B7921A1-BK5-48-3-1	8/13	PR10042
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20322	-2	8/13	
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bk 10/7

20323	-3	8/13	
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20324	-4	8/13	
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20325	-5	8/13	
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20326	MARS	8/22	33
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bk 10/4

20327	B7921A1-BK5-50-1-1	8/18	PR10043
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20328	-2	8/18	
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-3

8/17

20329

-4

8/15

20330

-5

8/16

20331

B7921A1-BK5-50-2-1

PR 10044

8/18

20332

-2

8/18

20333

-3

8/18

20334

b6 1017

-4

8/17

20335

-5

8/18

20336

20337	B7921A1 - Bk5-55-1-Bk	8/15	PR10046 bk
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20338		-Bk 8/15	
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bk 1017

20339		-Bk 8/15	
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20340	B7921A1 - Bk5-57-1-Bk	8/15	PR10050 bk
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20341		-Bk 8/15	
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bk 1017

20342		-Bk 8/15	
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20343	B7921A1 - Bk5-59-1-1	8/18	PR10053
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20344		-2 8/18	
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20345

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20346

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20347

BT921A1-BK5-60-1-1

PR10056

8/17

20348

-2

8/17

20349

-3

8/18

20350

bk 1017

-4

8/16

20351

-5

8/16

20352

20353	VSTA	8/13	19350
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bk 10/4

20354	BT921A1-BK5-62-3-1	8/19	PR10061
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20355		-2 8/19	
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20356		-3 8/19	
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20357		-4 8/19	
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20358		-5 8/20	
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20359	BT921A1-BK5-63-2-1	8/19	PR10063
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20360		-2 8/19	
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8/19

20361

-4

8/19

20362

bx 10/7

-5

8/19

20363

B7921A1-BK5-67-2-1

PR 10066

8/18

20364

-2

8/18

20365

-3

8/18

20366

-4

8/17

20367

-5

8/17

20368

bx 10/7

20369	B7921A1-BK5-69-2-1	8/20	PR10069
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20370	-2	8/20	
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20371	-3	8/20	
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20372	-4	8/20	
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20373	-5	8/20	
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20374	NATO	8/26	157
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bk 10/4

20375	B7921A1-BK5-72-1-1	8/26	PR10071
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20376	-2	8/25	
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20377

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8/23

20378

-5

8/26

20379

B7921A1-BK5-73-1-1

PR 10075

8/18

20380

-2

8/18

20381

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8/19

20382

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20383

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8/19

20384

20385	B7921A1 - Bk5-82-2-1	8/19	PR 10079
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20386		-2 8/19	
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20387		-3 8/19	
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20388		-4 8/19	
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20389		-5 8/19	
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20390	B7921A1 - Bk5-85-2-1	8/20	PR 10082
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20391		-2 8/20	
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20392		-3 8/20	
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8/20

20393

-5

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20394

B7921A1-BK5-87-1-1

PR 10084

8/19

20395

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8/19

20396

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8/19

20397

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8/20

20398

-5

8/20

20399

B7921A1-BK5-88-2-1

PR 10088

8/24

20400

20401

-2
8/23

20402

10²
-3
8/22

20403

-4
8/21

20404

-5
8/21

20405

B7921A1-BK5-93-2-1

8/19

PR10091

20406

-2
8/18

20407

-3
8/19

20408

-4
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8/18

20409

BT921A1-Bk5-96-2-1

PR10094

8/13

20410

-2

8/13

20411

box 1017

-3

8/13

20412

-4

8/13

20413

-5

8/13

20414

BT921A1-Bk5-103-2-1

PR10100

8/13

20415

-2

8/13

20416

20417

-3
8/13

20418

-4
8/13

bk 1017

20419

-5
8/13

20420

BT921A1-BK5-111-1-1

8/16

PR10105

20421

-2
8/17

20422

-3
8/16

20423

-4
8/16

20424

-5
8/16

bk 1017

BRAZ

Fd

8/22

20425

bk 10/4

BT921A1-BK5-112-2-1

PR10109

8/22

20426

-2

8/22

20427

-3

8/22

20428

-4

8/22

20429

bk 10/7

-5

8/22

20430

BT921A1-BK5-114-3-1

PR10113

8/19

20431

-2

8/19

20432

20433

8/19 -3

20434

8/19 -4

20435

8/19 -5

20436

B7921A1-BK5-116-3-1

8/18

PR10116

20437

8/15 -2

20438

8/15 -3

bk 1017

20439

8/18 -4

20440

8/18 -5

B7921A1-BK5-120-3-1

PR 10119

8/15

20441

-2

8/17

20442

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8/16

20443

bk 10/7

-4

8/17

20444

-5

8/16

20445

B7921A1-BK5-125-1

PR 10120

8/17

20446

-2

8/17

20447

-3

8/17

20448

bk 10/7

20449

-4
8/15

20450

-5
8/17

20451

PCOS

8/15

Fa

bK 10/4

20452

B7921A1-BK5-127-2-1

8/21

PR 10/25

20453

-2
8/21

20454

-3
8/21

20455

-4
8/21

bK 10/7

20456

-5
8/21

B7921A1-BK5-128-1-1

PR 10127

8/19

20457

-2

8/19

20458

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20459

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20460

-5

8/19

20461

B7921A1-BK5-132-3-1

PR 10132

8/16

20462

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8/16

20463

BK 1017

-3

8/19

20464

20465

-4

8/19

20466

-5

8/19

20467

B7921A1-BK5-137-1-1

8/15

PR10133

20468

-2

8/14

20469

-3

8/14

b7c 10/7

20470

-4

8/14

20471

-5

8/14

20472

B7921A1-BK5-138-2-1

8/19

PR10137

-2

8/18

20473

-3

8/19

20474

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8/19

20475

-5

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20476

STRN

159

8/23

20477

bx 1014

B7921A1-BK5-142-3-1

PR 10141

8/19

20478

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8/19

20479

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8/19

20480

20481

8/19

-4

20482

8/18

-5

20483

B7921A1-BK5-149-1-1

8/20

PR10145

20484

8/20

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20485

8/19

-3

bk 1017

20486

8/20

-4

20487

8/20

-5

20488

B7921A1-BK5-153-3-1

8/20

PR10150

-2

8/19

20489

bx 1017

-3

8/19

20490

-4

8/19

20491

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8/19

20492

B7921A1-BK5-157-3-1

PR10154

8/17

20493

-2

8/17

20494

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8/16

20495

-4

8/18

20496

20497

-5

8/17

bk 10/7

B7921A1-BK5-159-2-1

20498

8/23

PR10156

20499

-2

8/23

20500

-3

8/23

20501

-4

8/25

20502

-5

8/22

B7921A1-BK5-170-3-1

20503

8/17

PR10163

20504

-2

8/19

-3

8116

20505

-4

815

20506

bk 1017

5

8/15

20507

B7921A1-BK5-172-3-1

FR 10166

518

20508

-2

814

20509

3

8/15

20510

-4

818

20511

5

8/17

20512

20513	B7921A1-BK5-177-1-1	8/19	PR10167
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20514		-2 8/18	
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20515		-3 8/18	
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20516		-4 8/17	
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bk 1017

20517		-5 8/18	
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20518	B7921A1-BK5-197-3-1	8/14	PR10175
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20519		-2 8/18	
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20520		-3 8/18	
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		-4	8/17	20521
		-5	8/16	20522
19450	NVT6		8/23	20523
				bx 10/4
PR 10179	B7921A1 - Bk5 - 200-3-1		8/17	20524
		-2	8/18	20525
		-3	8/18	20526
		-4	8/18	20527
				bx 10/7
		-5	8/18	20528

20529

B7921A1 - Bk5 - 201-2-1

8/17

PR10181

20530

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B7921A1 - Bk5 - 204-1-1

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PR10183

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BT921A1-BK5-206-2-1

PR 10187

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BT921A1-BK5-213-2-1

PR 10190

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20550	B7921A1-BK5-214-3-1 8/13		PR10194
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B7921A1-BK5-226-3-1

PR10197

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B7921A1-BK5-227-3-1

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B7921A1-BK5-232-3-BK

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PR10203
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B7921A1-BK5-235-2-1

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PR10205

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B7921A1 - Bks - 241-2 - Bk

PR 10208

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20577	B7921A1 - Bk5-245-1-1	8/15	PR10210
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20582	B7921A1 - Bk5-246-3-1	8/19	PR10215
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B7921A1-BK5-256-1-1

PR 10216

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B7921A1-BK5-258-3-BK

PR 10221

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20595 B7921A1-Bk5-270-1-1
8/25 PR10222

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20600 B7921A1-Bk5-271-2-Bk
8/20 PR10227
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B7921A1 - Bk5-272-3-1

PR 10231

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B7921A1 - Bk5-274-3-1

PR 10234

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PR10243

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PR10245

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B7921A1-BK5-298-3-1

PR10249

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B7921A1-BK5-299-1-1

PR10251

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PR10254
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PR10257
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BT921A1-Bk5-304-1-1

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BT921A1-Bk5-308-1-1

PR10263

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PR10266

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BT921A1-BK5-314-1-BK

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PR10269

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BT921A1-BK5-319-3-1

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PR10274

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Some misprints

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BT921A1-Bk5-321-2-Bk

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PR10277

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20677

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BT921A1-Bk5-323-1-1

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PR10279

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20682

BT921A1-BK5-328-1-1

PR10282

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BT921A1-BK5-332-1-1

PR10285

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20693 B7921A1-BK5-335-3-BK
8/19 PR10290
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20694 -BK
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20696 B7921A1-BK5-337-3-1
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B7921A1-BK5-342-3-1

PR10296

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PR10298

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B7921A1-BK5-350-2-1

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PR10301

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B7921A1-BK5-372-2-1

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PR10304

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20721	B7921A1-BK5-374-2-1	8/18	PR10307
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20727	B7921A1-BK5-375-3-1	8/21	PR10311
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20728		-2 8/21	
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3/20/89	1-5-88	-3	8/21	20729	bx 10/7
		-4	8/21	20730	
		-5	8/21	20731	
PR 10313	B7921A1-BK5-376-2-1		8/17	20732	
		-2	8/17	20733	
		-3	8/17	20734	
		-4	8/16	20735	bx 10/7
		-5	8/17	20736	

20737	B7921A1-BK5-383-2-1	8/18	PR10316
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20738		-2 8/19	
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bx 10/7

20741		-5 8/18	
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20742	B7921A1-BK5-384-1-1	8/20	PR10318
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20743		-2 8/19	
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20744		-3 8/14	
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20753	BT921A1-BK5-389-2-1	8/20	PR10325
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20756		-4 8/20	
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20758	BT921A1-BK5-391-2-1	8/18	PR10328
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20759		-2 8/17	
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PR 10333

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20763

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B7921A1 - Bk5 - 404-3-1

PR 10338

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PR10356

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PR10358	B8268A1-19-1		9/1	20777
	-2		8/29	20778
	-3		9/3	20779
	-4		9/1	20780
	-5		8/26	20781
PR10359 bk	B8268A1-20-Bk		8/26	20782
	-Bk		8/23	20783
	-Bk		8/22	20784

20785	B8268A1-25-1	8/19	PR10364
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20786	-2	8/21	
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20787	-3	8/20	
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20788	-4	8/18	
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20789	-5	8/22	
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20790	B8268A1-26-1	8/19	PR10365
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20791	-2	8/26	
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20792	-3	8/23	
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PR10370

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PR10373

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PR10373

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PR10378

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PR10379

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PR10380

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B8268A1-51-1

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PR10391

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PIP

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Fd	NWRX	8/25	20825	bx 10/8
PR 10393	B8268A1-53-1	8/15	20826	✓ p/p
	-2	8/23	20827	
	-3	8/21	20828	
	-4	8/19	20829	
	-5	8/15	20830	
PR 10394	B8268A1-54-1	8/15	20831	✓ p/p
	-2	8/16	20832	

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B8268A1-55-1

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PR10395

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PR 10397	B8268A1-57-1	8/16	20841
	-2	8/21	20842
	-3	8/22	20843
	-4	8/22	20844
	-5	8/16	20845 ✓ P/P
PR 10440	B8268A1-99-1	8/23	20846
	-2	8/22	20847
	-3	8/22	20848

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PR10448

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PR10460

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Pr ✓

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B8268A1-121-1

PR10463

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Pr ✓

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PR10464

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PR10467

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PR 10479

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PR 10482

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PR 10490

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PR10494

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20913	B8268A1-153-1	8/20	PR10496
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20914	-2	8/19	
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20917	-5	8/20	
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20918	B8268A1-154-1	8/22	PR10497
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20919	-2	8/23	
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20929	B8268A1-168-1	8/15	PR10511
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20933	-5	8/17	
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20934	B8268A1-170-1	8/26	PR10513
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20935	-2	8/24	
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20936	-3	8/17	
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	-5	8/24	20938
B8268A1-171-1			
PR 10514		8/24	20939
	-2	8/24	20940
	-3	8/26	20941
	-4	8/22	20942
	-5	8/26	20943
B8268A1-177-1			
PR 10520		8/25	20944

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PR10521

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	-5	8/22	20954
PR10526	B8268A1-182-1	8/19	20955
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	-3	8/22	20957
	-4	8/21	20958
	-5	8/23	20959
PR10535	B8268A1-191-1	8/26	20960

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PR10538

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PR10541

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PR10542

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✓ PIP

20978

-3

8/26

20979

-4

8/20

20980

-5

8/24

20981

B8268A1-201-1

8/23

PR10545

20982

-2

8/18

20983

-3

8/16

✓ PIP

20984

-4

8/22

-5

8/23

20985

B8268A1-203-1

PR10549

8/16

20986

-2

8/17

20987

-3

8/19

20988

-4

8/16

20989

-5

8/17

20990

B8268A1-208-1

PR10553

8/17

20991

P/P

-2

8/21

20992

20993

-3

8/24

20994

-4

8/22

20995

-5

8/24

20996

B8268A1-209-1

8/15

PR10554

✓ Pp

20997

-2

8/17

20998

-3

8/22

20999

-4

8/27

21000

-5

8/17

B8268A1-211-1	8/18	21001
PR10556		Pip ✓
-2	8/19	21002
-3	8/19	21003
-4	8/18	21004
-5	8/26	21005
B8268A1-213-1	8/26	21006
PR10558		Pip ✓
-2	8/23	21007
-3	8/20	21008

21009

-4

8/24

21010

-5

8/22

✓
pp

B8268A1-215-1

21011

8/17

PR10560

21012

-2

8/14

21013

-3

8/18

21014

-4

8/15

✓
pp

21015

-5

8/14

B8268A1-218-1

21016

8/22

PR10563

-2

8/26

21017

-3

8/26

21018

-4

8/26

21019

-5

8/23

21020

B8268A1-220-1

PR10565

8/15

21021

tip^v

-2

8/16

21022

-3

8/14

21023

-4

8/14

21024

21025

-5

8/15

21026

CP231

8/29

11475

bx 10/8

21027

B8268A1-228-1

8/23

PR10573

21028

-2

8/20

✓
pip

21029

-3

8/15

21030

-4

8/16

21031

-5

8/20

21032

B8268A1-231-1

8/26

PR10576

-2

8/26

21033

-3

8/28

21034

-4

8/28

21035

-5

8/26

21036

B8268A1-232-1

PR10577

8/17

21037

-2

8/17

21038

✓
p/p

-3

8/20

21039

-4

8/17

21040

21041

-5

8/15

21042

B8268A1-239-1

8/20

PR10584

21043

-2

8/16

pk

21044

-3

8/14

21045

-4

8/16

21046

-5

8/18

21047

B8268A1-240-1

8/19

PR10585

21048

-2

8/21

-3

8/23

21049

-4

8/21

21050

✓
Pp

-5

8/20

21051

53

Toro 2

8/25

21052

bx 10/8

B8268A1-242-1

PR10587

8/15

21053

✓
Pp

-2

8/17

21054

-3

8/17

21055

-4

8/15

21056

21057 -5
8/15

21058 B8268A1-243-1
8/14 PR10588

21059 -2
8/16

21060 -3
8/17

21061 -4
8/17

21062 -5
8/17

21063 B8268A1-244-1
8/17 PR10589

✓ PP
21064 -2
8/18

-3

8/21

21065

-4

8/28

21066

-5

8/21

21067

B8268A1-245-1

PR 10590

8/19

21068

p/p ✓

-2

8/16

21069

-3

8/29

21070

-4

8/17

21071

-5

8/15

21072

21073	RU8303169	8/24	HR
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bk 10/8

21074	B8268A1-246-1	8/25	PR 10591
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✓
pip

21075	-2	8/21	
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21076	-3	8/24	
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21077	-4	8/17	
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21078	-5	8/23	
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21079	B8268A1-247-1	8/23	PR 10592
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21080	-2	8/21	
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-3

8/19

21081

-4

8/19

21082

P/k ✓

-5

8/21

21083

B8268A1-251-1

PR10596

8/22

21084

-2

8/18

21085

-3

8/15

21086

-4

8/17

21087

-5

8/20

21088

P/k ✓

21089	PI 408449	8/29	4960
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21090	B8329A1-1 LMNT/CB801	8/17	PR 8002/25
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21091	-2	8/27	
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21092	-3	8/15	
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21093	-4	8/15	
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21094	-5	8/15	
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21095	-6	8/16	
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21096	-7	8/12	
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PR8002-25

-8

8/27

21097

-9

8/19

21098

-10

8/19

21099

-11

8/28

21100

-12

8/15

21101

-13

8/15

21102

-14

8/15

21103

-15

8/21

21104

Ple ✓

21105	B8329A1-16	8/16	PR8002-25
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21106	-17	8/18	
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21107	-18	8/16	
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21108	-19	8/15	
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21109	-20	8/15	
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21110	-21	8/15	
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✓
P/P

21111	-22	8/14	
-------	-----	------	--

✓
P/P

21112	-23	8/18	
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PR 8002-25	-24	8/15	211113 ✓ P/P
	-25	8/15	211114
	-26	8/15	211115
	-27	8/15	211116 ✓ P/P
	-28	8/14	211117 ✓ P/P
	-29	8/17	211118
	-30	8/15	211119 ✓ P/P bx 10/10
	-31	8/16	211120

21121	BS329A1-32	8/23	PR5002-25
-------	------------	------	-----------

21122	-33	8/15	
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21123	-34	8/14	
-------	-----	------	--

21124	-35	8/17	
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21125	CB801	8/28	CB
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bx 10/8

21126	-36	8/14	
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21127	-37	8/14	
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✓ PR

21128	-38	8/22	
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PR8002-25

-39

8/15

21129

-40

8/18

21130

-41

8/15

21131

-42

8/15

21132

-43

8/16

21133

-44

8/15

21134

-45

8/14

21135

P/P ✓

-46

8/26

21136

P/P ✓

B8329A1-47

21137

8/15

PR8002-25

-48

21138

8/15

-49

21139

8/15

-50

21140

8/17

-51

21141

8/14

-52

21142

8/9

-53

21143

8/23

✓

P1P

-54

21144

8/13

PR 8002-25 -55 8/21 21145

-56 8/15 21146

-57 8/16 21147

-58 8/17 21148

P/P ✓

-59 8/12 21149

Fd LMNT 8/27 21150

bx 10/8

-60 8/27 21151

-61 8/15 21152

P/P ✓

bx 10/10

21153	B8329A1-62	8/21	PR8002-25
✓ P/p			
21154	-63	8/14	
21155	-64	8/15	
21156	-65	8/16	
✓ P/p			
21157	-66	8/18	
21158	-67	8/16	
21159	-68	8/13	
21160	-69	8/24	

PR8002-257

-70

8/16

21161

-71

8/15

21162

-72

8/14

21163

p/p ✓

-73

8/15

21164

-74

8/21

21165

-75

8/15

21166

-76

8/14

21167

p/p ✓

-77

8/24

21168

p/p ✓

21169	B8329A1-78	8/20	PR8002-25
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21170	-79	8/15	
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✓ pip

21171	-80	8/21	
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21172	-81	8/13	
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✓ pip
bk 10/10

21173	-82	8/17	
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21174	-83	8/21	
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21175	SKBT	8/21	Fd
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bk 10/8

21176	-84	8/13	
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✓ pip

PR 8002-25	-85	8/21	21177
	-86	8/18	21178
	-87	8/12	21179 ^{PS} ✓ p/p
	-88	8/15	21180
	-89	8/13	21181
	-90	8/13	21182 [✓] p/p
	-91	8/15	21183
	-92	8/15	21184 [✓] p/p

21185	B8329A1-93	8/17	PR8002-25
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21186	-94	8/12	
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✓ P/P

21187	-95	8/12	
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✓ P/P

21188	-96	8/13	
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21189	B8329A1-BK	8/10	PR8002-25 BK
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21190		8/13	
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21191		8/13	
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P/P 9/21

21192		8/13	
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PR8002-25

bk

8/13

21193

8/12

21194

8/10

21195

8/13

21196

8/13

21197

8/13

21198

8/11

21199

8/10

21200

P/P 9/25

21201	B8329A2-1	8/15	PR8027-35
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21202	-2	8/14	
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21203	-3	8/19	
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21204	-4	8/28	
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21205	-5	8/17	
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21206	-6	8/22	
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21207	-7	8/22	
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21208	-8	8/26	
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PR8027-35

-9

8/13

21209

P/P ✓

-10

8/15

21210

-11

8/18

21211

-12

8/17

21212

-13

8/15

21213

-14

8/18

21214

P/P ✓

-15

8/15

21215

P/P
bk 10110 ✓

-16

8/15

21216

21217	B8329A2-17	8/14	PR8027-35
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21218	-18	8/16	
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21219	-19	8/15	
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21220	-20	8/15	
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21221	-21	8/15	
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21222	-22	8/12	
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21223	-23	8/14	
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21224	-24	8/14	
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NWBT

AR Fd

8/28

21225

bx 10/8

-25

PR8027-35

8/20

21226

-26

8/17

21227

-27

8/18

21228

P/p ✓

-28

8/25

21229

-29

8/15

21230

-30

8/15

21231

P/p ✓

bx 10/10

-31

8/14

21232

21233	88329A2-32	8/14	PR 8027-35
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21234	-33	8/22
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21235	-34	8/14
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21236	-35	8/19
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21237	-36	8/18
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21238	-37	8/18
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21239	-38	8/10
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21240	-39	8/18
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PR8027-35

-40

8/15

21241

-41

8/20

21242

p/p

-42

8/12

21243

-43

8/13

21244

-44

8/17

21245

p/p

-45

8/15

21246

-46

8/15

21247

-47

8/15

21248

38329A2-48

21249

8/13

PR 8027-35

✓ P/P

L-202

21250

8/17

119

bx 10/8

-49

21251

8/15

-50

21252

8/9

-51

21253

8/11

-52

21254

8/14

-53

21255

8/12

✓ P/P

-54

21256

8/16

✓ P/P

PR8027-35	-55	8/19	21257
	-56	8/14	21258 p ✓
	-57	8/15	21259
	-58	8/19	21260
	-59	8/15	21261
	-60	8/11	21262 p bx 10/10 ✓
	-61	8/17	21263
	-62	8/19	21264

21265	B8329A2-63	8/14	PR 8027-35
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✓
P/P

21266	-64	8/20
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21267	-65	8/25
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21268	-66	8/15
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21269	-67	8/14
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21270	-68	8/14
-------	-----	------

21271	-69	8/17
-------	-----	------

✓
P/P

21272	-70	8/15
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✓
P/P

PR8027-35

-71

8/11

21273

-72

8/17

21274

Fd

LBLE

8/14

21275

br 10/8

-73

8/15

21276

-74

8/22

21277

-75

8/17

21278

-76

8/14

21279

-77

8/18

21280

Pip ✓

21281	B8329A2-78	8/15	PR8027-35	
21282	-79	8/15		
21283	-80	8/14		
21284	-81	8/20		
21285	-82	8/18		
21286	-83	8/15		
✓ P/p bx 10110				
21287	-84	8/16		
✓ P/p				
21288	-85	8/16		

PR8027-35	-86	8/20	21289
	-87	8/20	21290 p/p ✓
	-88	8/14	21291
	-89	8/16	21292
	-90	8/28	21293
	-91	8/14	21294
	-92	8/13	21295 p/p ✓
PR8027-35 bk	88329A2-BK	8/11	21296

21297

8/11

PR 8027-35
b/c

21298

8/12

21299

8/15

21300

P/R

10/2

8/14

21301

8/15

21302

8/15

21303

8/14

21304

8/14

PR 8027-35

bk

8/15

21305

8/15

21306

8/13

21307

8/13

21308

8/13

21309

8/12

21310

B8329A4-1

PR 8038-58

8/12

21311

-2

8/14

21312

21313	B8329A4-3	8/13	PR8038-58
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21314	-4	8/12	
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21315	-5	8/14	
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✓ pp

21316	-6	8/15	
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✓ Pp

21317	-7	8/13	
-------	----	------	--

21318	-8	8/13	
-------	----	------	--

21319	-9	8/14	
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21320	-10	8/15	
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PR 8038-58

-11

8/21

21321

-12

8/15

21322

-13

8/15

21323

-14

8/14

21324

PR ✓

ELBL

5775

8/3

21325

-15

8/13

21326

PR ✓

-16

8/13

21327

-17

8/16

21328

21329	B8329A4-18	8/15	PR8038-58
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✓
Pp

21330	-19	8/25
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21331	-20	8/21
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21332	-21	8/14
-------	-----	------

✓
Pp

bic 1010

21333	-22	8/10
-------	-----	------

21334	-23	8/14
-------	-----	------

21335	-24	8/18
-------	-----	------

21336	-25	8/12
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✓Pp

PR 8038-58

-26

8/14

21337

-27

8/13

21338

P/10

-28

8/10

21339

-29

8/13

21340

-30

8/13

21341

-31

8/14

21342

-32

8/15

21343

-33

8/16

21344

P/10

21345	B8329A4-34	8/15	PR8038-58
✓ PIP			
21346	-35	8/14	
21347	-36	8/18	
21348	-37	8/19	
21349	-38	8/19	
21350	BOND	8/15	AR Fd
bk 10/8			
21351	-39	8/15	
21352	-40	8/19	
✓ PIP			

PR8038-58

-41

8/21

21353

-42

8/16

21354

✓
P/P

bk 10/10

-43

8/20

21355

-44

8/15

21356

✓
P/P

-45

8/16

21357

✓
P/P

-46

8/14

21358

-47

8/14

21359

-48

8/14

21360

✓
P/P

21361	B8329A4-49	8/20	PR8038-58
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21362	-50	8/12	
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✓
PIP

21363	-51	8/19	
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✓
PIP

21364	-52	8/14	
-------	-----	------	--

21365	-53	8/10	
-------	-----	------	--

✓
PIP

21366	-54	8/15	
-------	-----	------	--

21367	-55	8/15	
-------	-----	------	--

21368	-56	8/14	
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PR8038-58	-57	8/11	21369	p/p ✓
	-58	8/16	21370	p/p ✓
	-59	8/15	21371	p/p ✓
	-60	8/15	21372	
	-61	8/14	21373	
	-62	8/16	21374	
4989	PI 331581	8/25	21375	bx 10/8
	-63	8/12	21376	

B8329A4-64

21377

8/13

PR 8038-58

✓ PIP

-65

21378

8/15

-66

21379

8/14

-67

21380

8/20

-68

21381

8/12

✓ PIP

-69

21382

8/15

-70

21383

8/15

✓ PIP

-71

21384

8/14

PR 8038-58	-72	8/15	21385
	-73	8/15	21386
	-74	8/15	21387
	-75	8/15	21388
	-76	8/19	21389
	-77	8/18	21390 p/p ✓
	-78	8/16	21391
	-79	8/14	21392

21393	B8329A4-80	8/15	PR8038-58
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21394	-81	8/14	
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21395	-82	8/16	
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21396	-83	8/18	
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21397	-84	8/21	
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8/19

21398	-85	8/26	
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21399	-86	8/23	
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21400	-87	8/17	
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PR 8038-58

-88

8/15

21401

-89

8/15

21402

-90

8/21

21403

P18 ✓

-91

8/15

21404

-92

8/14

21405

P18
b1c 10/10 ✓

-93

8/18

21406

P18 ✓

-94

8/15

21407

-95

8/17

21408

	B8329A4-96		
21409		8/12	PR 8038-58
✓ p/p			
	-97		
21410		8/15	
	-98		
21411		8/21	
	-99		
21412		8/15	
	-100		
21413		8/14	
	B8329A4-BK		
21414		8/11	PR 8038-58 bk
21415		8/12	
21416		8/13	

p/p 10/2

PR 8038-58

bk

8/11

21417

8/10

21418

8/12

21419

8/11

21420

8/13

21421

8/11

21422

8/12

21423

8/11

21424

21425

8/11

PR8038-58
bk

21426

8/10

21427

8/11

21428

8/11

21429

8/10

21430

CA82424

8/18

82/1624

bk 10/8

21431

B8332A -1

(83/331)

8/22

PR8060-70

NWRX//9881/331581/3/CA82424

IG-1 resistant

21432

-2

8/19

PR 8060-70

-3

8/17

21433

-4

8/16

21434

Pp ✓

-5

8/15

21435

-6

8/23

21436

-7

8/10

21437

-8

8/16

21438

-9

8/20

21439

-10

8/15

21440

B8332A1-11

21441

8/15

PR8060-70

-12

21442

8/15

-13

21443

8/14

-14

21444

8/15

-15

21445

8/20

-16

21446

8/15

-17

21447

8/18

-18

21448

8/16

✓ 8/16

PR8060-70

-19

8/15

21449

8/10 ✓

Fd

NWRX

8/22

21450

b2 10/8

-20

8/13

21451

-21

8/14

21452

-22

8/11

21453

-23

8/15

21454

8/15 ✓

-24

8/16

21455

-25

8/15

21456

21457 B8332A1-26 8/14 PR 8060-70

21458 -27 8/15

21459 -28 8/21

21460 -29 8/15

21461 -30 8/15

21462 -31 8/13

✓ 8/18
21463 -32 8/20

21464 -33 8/15

PR8060-70	-34	8/20	21465
	-35	8/10	21466
	-36	8/11	21467
	-37	8/18	21468
	-38	8/15	21469 pip [✓]
	-39	8/15	21470
	-40	8/11	21471
	-41	8/12	21472

21473	B8332A1-42	8/15	PR 8060-70
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21474	-43	8/15	
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21475	RU8303046	8/22	HR
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bx 10/8

21476	-44	8/15	
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21477	-45	8/15	
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✓
8/8

21478	-46	8/14	
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21479	-47	8/12	
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21480	-48	8/14	
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PR 8060-70

-49

8/15

21481

-50

8/12

21482

-51

8/12

21483

-52

8/15

21484

-53

8/15

21485

-54

8/13

21486

-55

8/15

21487

-56

8/13

21488

21489	B8332A1-57	8/12	PR 8060-70
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21490	-58	8/11	
-------	-----	------	--

✓
p/p

21491	-59	8/14	
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21492	-60	8/13	
-------	-----	------	--

21493	-61	8/15	
-------	-----	------	--

21494	-62	8/9	
-------	-----	-----	--

21495	-63	8/13	
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21496	-64	8/13	
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-65

8/14

21497

-66

8/10

21498

-67

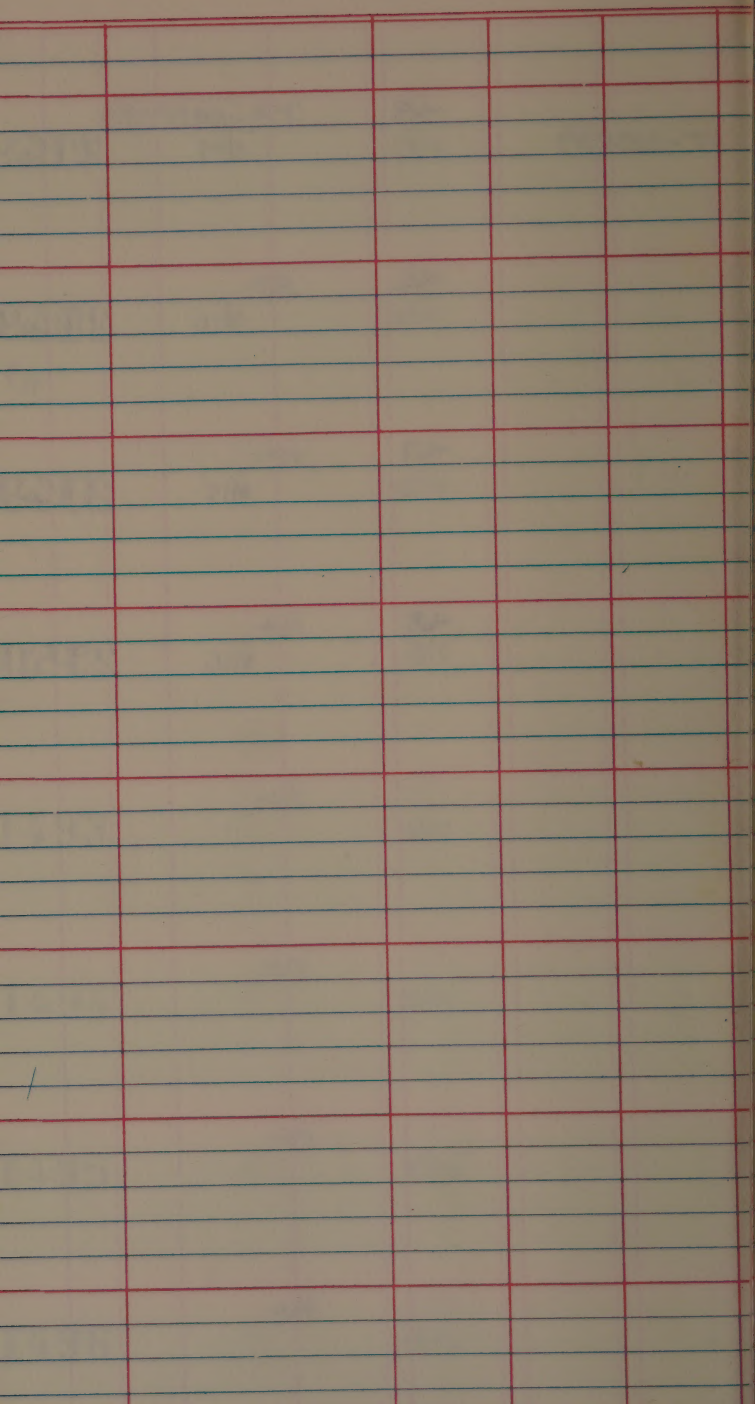
8/15

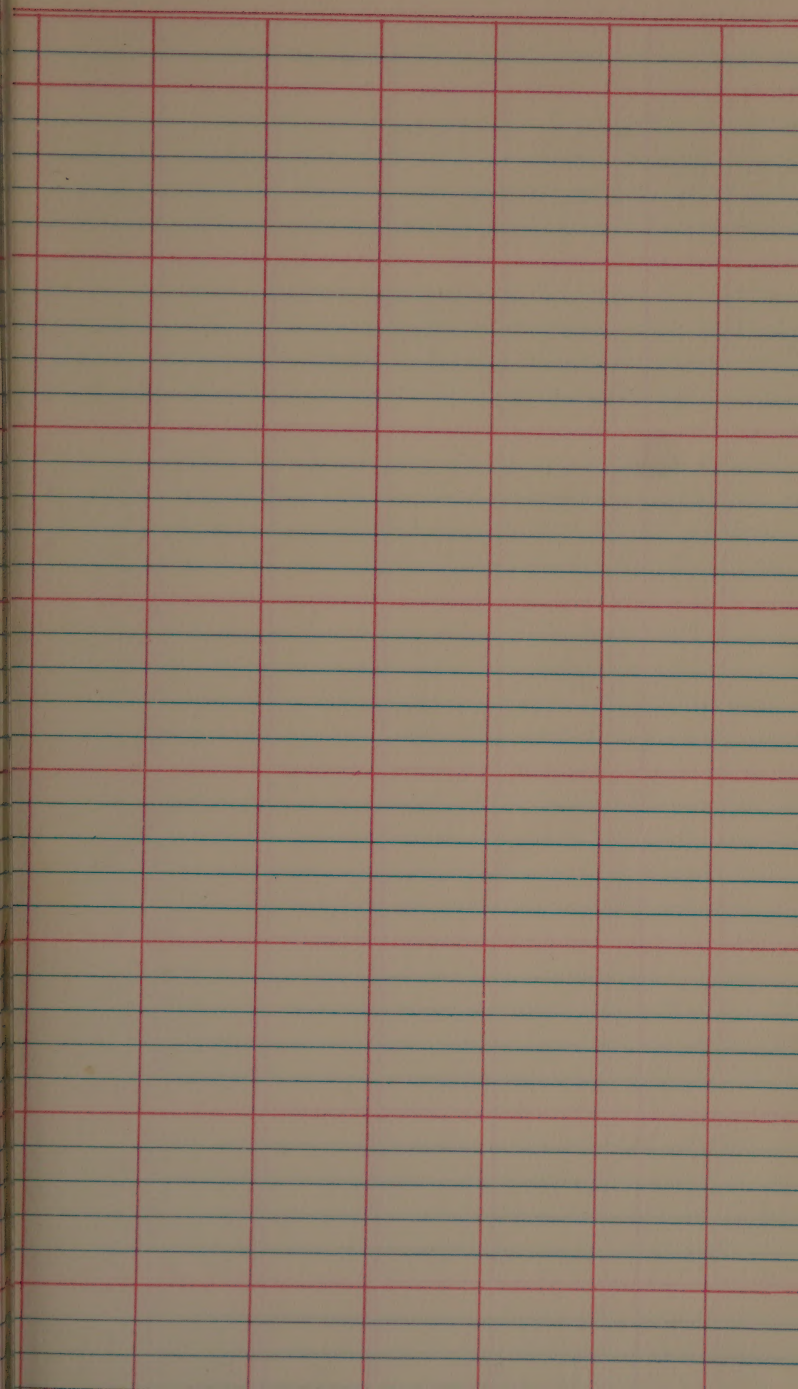
21499

-68

8/16

21500





B8131A = LEAH/8003050

OK
7

B8130A5 = LEAH/LMNT

B7921A = 7903157/MARS

B8268A = LEAH/LMNT * F, //NWRX

B8329A = LMNT/CB801

B8332A = NWRX//9881/331581/3/CB82424

UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK

AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

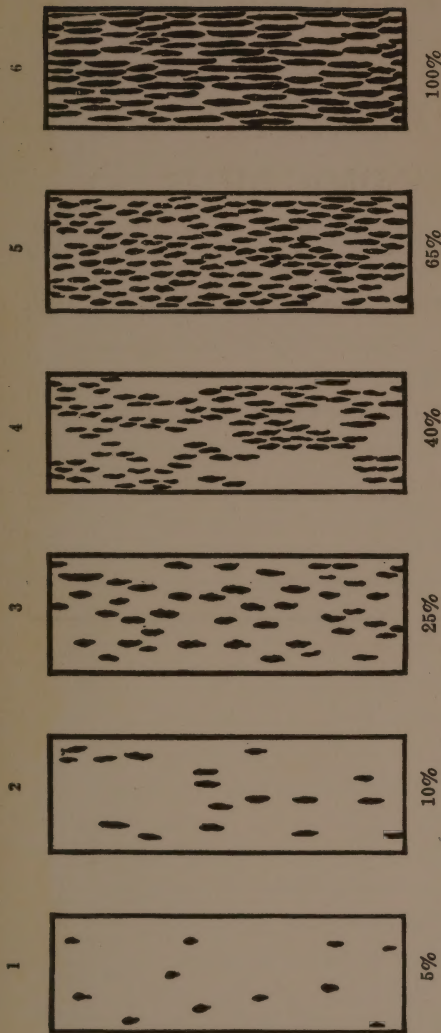
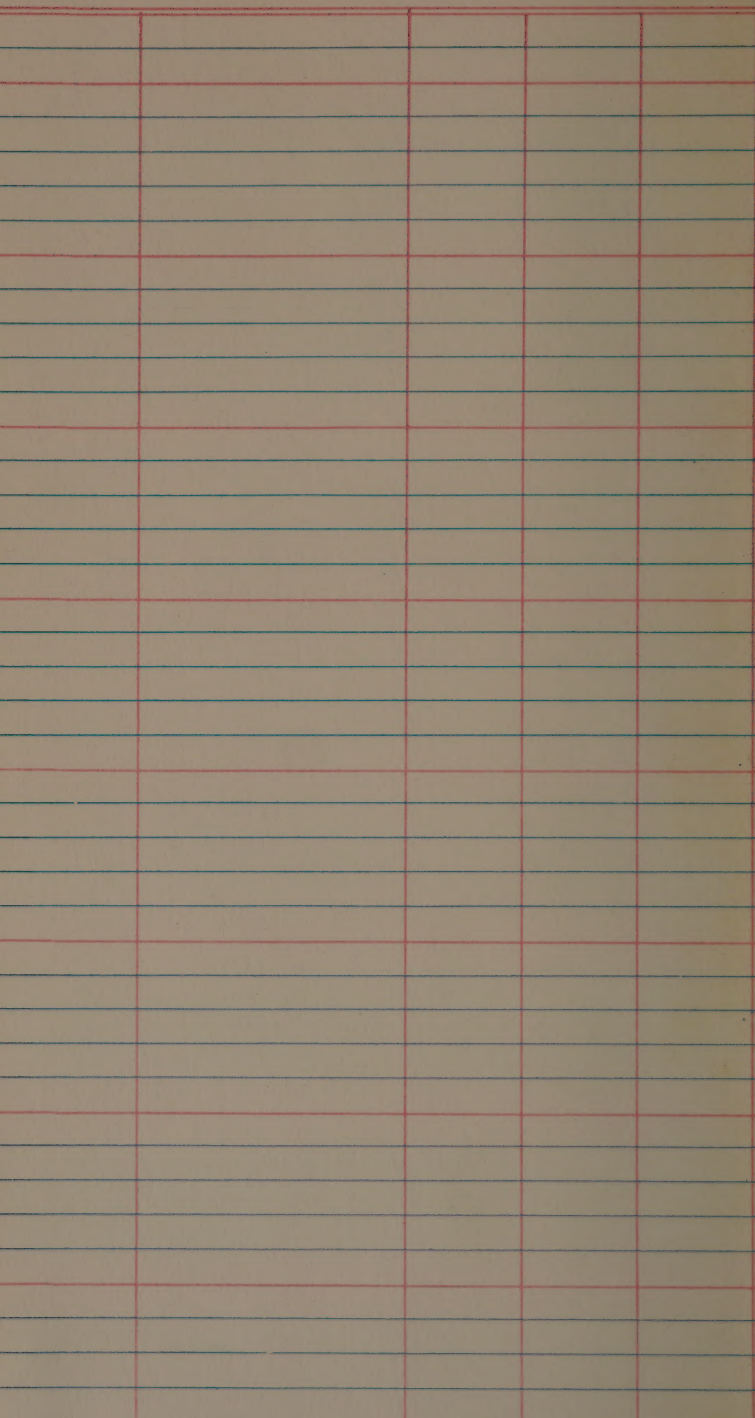
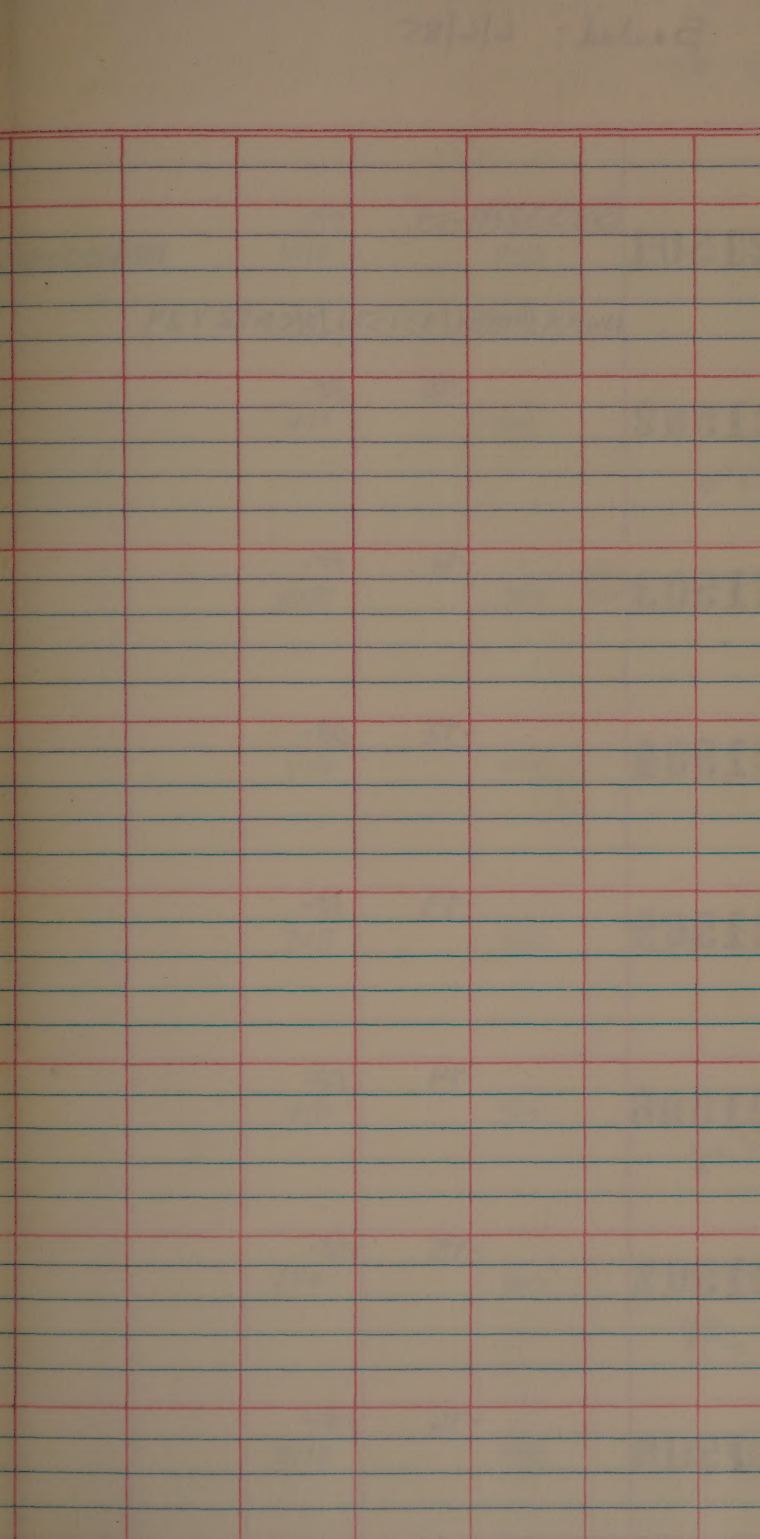


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





Seeded: 6/6/85

21501	B8332A1-69	8/21	PR8060-70
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NWRX//9881/331581/3/CAS2Y24

21502	-70	8/16	
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21503	-71	8/28	
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21504	-72	8/17	
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21505	-73	8/25	
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21506	-74	8/14	
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21507	-75	8/13	
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21508	-76	8/18	
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PR8060-70	-77	8/20	21509
	-78	8/14	21510 p/p ✓
	-79	8/14	21511
	-80	8/17	21512
	-81	8/18	21513
	-82	8/15	21514
	-83	8/17	21515 p/p ✓
	-84	8/21	21516

21517	B8332A1-85	8/15	PR8060-70	
✓ PIP				
21518	-86	8/21		
21519	-87	8/11		
✓ PIP				
21520	-88	8/22		
21521	-89	8/15		
21522	-90	8/14		
21523	-91	8/10		
✓ PIP				
21524	-92	8/13		

Fd	LMNT	8/27	21525
			hc 10/8
	-93	8/21	21526
	-94	8/17	21527
	-95	8/19	21528
	-96	8/15	21529
			P/p ✓
	-97	8/15	21530
	-98	8/23	21531
	-99	8/24	21532

21533	B8332A1-100	8/14	PR8060-70
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✓
P/P

21534	-101	8/22	
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21535	-102	8/13	
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21536	-103	8/23	
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✓
P/P

21537	-104	8/13	
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21538	-105	8/13	
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✓
P/P

21539	-106	8/13	
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✓
P/P

21540	-107	8/11	
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✓
P/P

PR8060-70	-108	8/16	21541
	-109	8/13	21542
	-110	8/20	21543
	-111	8/14	21544
	-112	8/16	21545
	-113	8/11	21546
	-114	8/17	21547
	-115	8/13	21548

21549 B8332A1-116 8/22 PR 8060-10

✓ P/p

21550 L-202 8/14 119

bk 10/8

21551 -117 8/14

21552 -118 8/12

✓ P/p

21553 -119 8/17

21554 -120 8/14

21555 121 8/14

✓ P/p

21556 -122 8/14

✓ P/p

PR 8060-70

-123

8/15

21557

-124

8/17

21558

lip

-125

8/13

21559

-126

8/22

21560

-127

8/13

21561

-128

8/14

21562

-129

8/17

21563

-130

8/16

21564

21565	B8332A-131	8/17	PR 8060-70
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21566	-132	8/14	
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✓
Pip

21567	-133	8/16	
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21568	-134	8/13	
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21569	-135	8/21	
-------	------	------	--

21570	-136	8/22	
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21571	-137	8/20	
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21572	-138	8/13	
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PR8060-TO

-139

8/14

21573

pip

-140

8/19

21574

Fd

BLMT

8/21

21575

bx 10/8

-141

8/15

21576

-142

8/14

21577

-143

8/17

21578

-144

8/15

21579

-145

8/15

21580

21581	B8332A1-146	8/19	PR8060-70
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21582	-147	8/14	
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21583	-148	8/13	
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✓ PIP

21584	-149	8/22	
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21585	-150	8/24	
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21586	-151	8/13	
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21587	-152	8/17	
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21588	-153	8/13	
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✓ PIP

PR8060-70

-154

8/17

21589

-155

8/25

21590

-156

8/14

21591

-157

8/17

21592

-158

8/25

21593

-159

8/15

21594
P/P

-160

8/15

21595
P/P

-161

8/15

21596

21613	B8333A1-13	8/17	PR8072-96
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21614	-14	8/23	
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21615	-15	8/17	
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21616	-16	8/14	
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21617	-17	8/23	
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21618	-18	8/23	
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21619	-19	8/16	
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21620	-20	8/17	
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PR8072-96	-21	8/18	21621	pip ✓ bk 10/10
	-22	8/18	21622	pip
	-23	8/13	21623	
	-24	8/14	21624	pip ✓
	-25	8/23	21625	
52 RU8003050		8/19	21626	bk 10/8
	-26	8/20	21627	
	-27	8/18	21628	pip ✓ bk 10/10

21629	B8333A1-28	8/21	PR 8072-96
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21630	-29	8/22	
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21631	-30	8/13	
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21632	-31	8/16	
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✓ P/P

21633	-32	8/21	
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21634	-33	8/13	
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✓ P/P
bx 10/10

21635	-34	8/13	
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21636	-35	8/12	
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✓ P/P

PR8072-96	-36	8/13	21637
	-37	8/18	21638 pip ✓
	-38	8/15	21639 pip bk 10/10 ✓
	-39	8/16	21640 pip ✓
	-40	8/12	21641 pip ✓
	-41	8/12	21642 pip ✓
	-42	8/13	21643 pip ✓
	-43	8/20	21644

21645	B8333A1-44	8/15	PR8012-96
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21646	-45	8/15	
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21647	-46	8/13	
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21648	-47	8/13	
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21649	-48	8/16	
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21650	RU8303169	8/22	HR
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21651	-49	8/14	
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21652	-50	8/12	
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PR8072-96	-51	8/21	21653
	-52	8/19	21654 PR ✓
	-53	8/16	21655
	-54	8/15	21656
	-55	8/13	21657
	-56	8/13	21658 tip ✓
	-57	8/14	21659
	-58	8/14	21660

B8333A1-59

21661

8/14

PR8072-96

-60

21662

8/15

-61

21663

8/15

✓
P10

bx 10/10

-62

21664

8/16

✓
P11

-63

21665

8/15

-64

21666

8/13

-65

21667

8/10

-66

21668

8/14

PR8072-96

-67

8/12

21669

P/P

-68

8/16

21670

-69

8/14

21671

P/P

-70

8/18

21672

-71

8/16

21673

-72

8/18

21674

P/P

HR

RU8003009

8/22

21675

bx 10/8

-73

8/15

21676

P/P

21677	B8333A1-74	8/16	PR8072-96
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21678	-75	8/15
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✓
P/P
bk 10/10

21679	-76	8/19
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21680	-77	8/12
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21681	-78	8/17
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21682	-79	8/18
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21683	-80	8/17
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21684	-81	8/13
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FR8072-96	-82	8/16	21685
	-83	8/19	21686
	-84	8/17	21687
	-85	8/17	21688
	-86	8/19	21689
	-87	8/23	21690
	-88	8/16	21691
	-89	8/22	21692

21693	B8333A1-90	8/14	PR8072-96
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21694	-91	8/18	
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21695	-92	8/18	
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21696	-93	8/22	
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21697	-94	8/21	
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21698	-95	8/19	
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21699	-96	8/16	
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21700	-97	8/19	
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PR5072-96	-98	8/22	21701
	-99	8/21	21702
	-100	8/23	21703
	-101	8/19	21704 lip ✓
	-102	8/16	21705
	-103	8/17	21706 P/p ✓
	-104	8/20	21707 P/p ✓ bk 10/10
	-105	8/22	21708

B8333A1-106

21709

8/13

PR8072-96

✓
pip

-107

21710

8/18

✓
pip

-108

21711

8/17

✓
pip

-109

21712

8/18

-110

21713

8/18

-111

21714

8/17

-112

21715

8/12

✓
pip

-113

21716

8/14

PR8072-96

-114

8/17

21717

-115

8/17

21718

P/P

-116

8/18

21719

-117

8/22

21720

-118

8/18

21721

-119

8/19

21722

-120

8/13

21723

-121

8/18

21724

21725	SKBT	8/21	Fd
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bk 10/8

21726	B8333A1-122	8/18	
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✓ Pip

bk 10/10

21727	-123	8/14	
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21728	-124	8/15	
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21729	-125	8/16	
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✓ Pip

21730	-126	8/16	
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21731	-127	8/21	
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✓ Pip

21732	-128	8/14	
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PR80T2-96	-129	8/16	21733	Pip ✓
	-130	8/15	21734	Pip ✓ bk 10/10
	-131	8/12	21735	Pip ✓
	-132	8/13	21736	Pip ✓
	-133	8/22	21737	
	-134	8/21	21738	
	-135	8/17	21739	
	-136	8/14	21740	

21741	B8333A1-137	8/13	PR8072-96
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✓
p1c

21742	-138	8/20
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21743	-139	8/19
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21744	-140	8/17
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21745	-141	8/14
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21746	-142	8/17
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21747	-143	8/16
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21748	-144	8/11
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✓ p1c

PR 8072-96	-145	8/18	21749
	-146	8/17	21750
10952	L-201	8/13	21751
			bk 10/8
PR 8072-96	B8333A1-BK	8/12	21752
bk	8003050/CA82724		
		8/11	21753
		8/13	21754
	p/p 9/26	8/10	21755
		8/12	21756

21757

8/13

PR 8012-96

bk

21758

8/18

21759

8/12

21760

8/10

21761

8/13

21762

8/10

21763

8/9

21764

8/10

PR 8072-96

bk

8/11

21765

8/12

21766

8/9

21767

8/13

21768

8/9

21769

8/13

21770

8/12

21771

8/9

21772

21773		8/12	PR8012-96 bk
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21774		8/12	
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21775	RV8303181	8/24	HR
	bk 10/8		

21776	B8335A1-1	8/16	PR8098-115
	8303181/CB801		

21777	-2	8/16	
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21778	-3	8/12	
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21779	-4	8/16	
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21780	-5	8/19	
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PR 8098-115

-6

8/11

21781

np ✓

-7

8/11

21782

-8

8/9

21783

np ✓

-9

8/9

21784

-10

8/12

21785

np ✓

-11

8/24

21786

-12

8/15

21787

-13

8/15

21788

21789	B8335A1-14	8/13	PR 8098-115
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21790	-15	8/14	
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21791	-16	8/12	
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21792	-17	8/11	
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21793	-18	8/9	
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21794	-19	8/9	
-------	-----	-----	--

21795	-20	8/27	
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21796	-21	8/22	
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PR 8098-115	-22	8/12	21797
	-23	8/11	21798
	-24	8/14	21799
	-25	8/17	21800
<i>poset books</i>			
	-26	8/10	21801
	-27	8/17	21802
	-28	8/11	21803
	-29	8/23	21804

21805

B8335A1-30

8/25

PR5048-115

21806

-31

8/23

21807

-32

8/12

✓
P1p

21808

-33

8/13

21809

-34

8/11

21810

-35

8/17

✓
PK

21811

-36

8/12

21812

-37

8/14

PR 8098-115	-38	8/16	21813
	-39	8/12	21814
	-40	8/20	21815 AP ✓
	-41	8/10	21816
	-42	8/16	21817
	-43	8/22	21818
	-44	8/13	21819 AP ✓
	-45	8/10	21820

21821	B8335A1-46	8/10	PR8098-115	
✓ P/R				
21822	-47	8/25		
21823	-48	8/12		
21824	-49	8/12		
✓ P/R				
21825	CB801	8/28	CB	
bx 10/8				
21826	-50	8/11		
21827	-51	8/14		
21828	-52	8/15		

PR8098-115	-53	8/17	21829 Pip
	-54	8/12	21830
	-55	8/14	21831
	-56	8/22	21832
	-57	8/10	21833
	-58	8/21	21834
	-59	8/10	21835 Pip ✓
	-60	8/14	21836

21837	B8335A1-61	8/10	PR 8098-115
✓ P/P			
21838	-62	8/9	
21839	-63	8/11	
21840	-64	8/9	
✓ P/P			
21841	-65	8/9	
✓ P/P			
21842	-66	8/10	
21843	-67	8/16	
21844	-68	8/14	

PR 8098-115	-69	8/10	21845
	-70	8/9	21846
	-71	8/9	21847
	-72	8/10	21848 P/P ✓
	-73	8/14	21849
189 IR-36		8/27	21850 bx 10/8
	-74	8/8	21851 P/P ✓
	-75	8/14	21852 P/P ✓

21853	B8335A1-76	8/21	PR 8048-115
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21854	-77	8/17	
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21855	-78	8/21	
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21856	-79	8/17	
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21857	-80	8/15	
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21858	-81	8/10	
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✓ pip

21859	-82	8/11	
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✓ pip

21860	-83	8/11	
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PR 8098 -115	-84	8/16	21861	Pr ✓
	-85	8/21	21862	
	-86	8/19	21863	
	-87	8/14	21864	Pr ✓
	-88	8/19	21865	Pr ✓
	-89	8/12	21866	
	-90	8/13	21867	
	-91	8/12	21868	

21869	B8335A1-92	8/11	PR 8098-115	
21870	-93	8/25		
21871	-94	8/9		
✓ Pp				
21872	-95	8/21		
21873	-96	8/14		
21874	-97	8/17		
21875	LBLE	8/13	Fd	
dk 10/8				
21876	B8335A1-BK	8/10	PR 8098-115	dk

PR 8098-115

b/c

8/11

21877

8/9

21878

8/12

21879

8/10

21880

8/9

21881

8/10

21882

8/10

21883

8/10

21884

p/p 10/2

21885

B8335A1-Bk

8/9

PR 8048-115
Bk

21886

8/10

21887

8/10

21888

P/F 10/2

8/9

21889

8/9

21890

8/8

21891

8/9

21892

8/9

PR 8098-115
bk

8/9

21893

8/10

21894

8/9

21895

p/p 10/2

8/8

21896

8/9

21897

8/10

21898

8/9

21899

8/9

21900

21901	B8335A2-1	8/14	PR8117-39
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	8303181/CB801		
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21902	-2	8/15	
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21903	-3	8/21	
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21904	-4	8/17	
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21905	-5	8/21	
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21906	-6	8/14	
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21907	-7	8/12	
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✓ eip

21908	-8	8/22	
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PR8117-39

-9

8/14

21909

-10

8/14

21910

-11

8/21

21911

P/p ✓

-12

8/20

21912

-13

8/15

21913

-14

8/15

21914

P/p ✓

-15

8/9

21915

P/p ✓

-16

8/9

21916

P/p ✓

21917	B8335A2-17	8/11	PR8117-39
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21918	-18	8/10	
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21919	-19	8/10	
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21920	-20	8/12	
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✓ pip

21921	-21	8/16	
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21922	-22	8/14	
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✓ pip

21923	-23	8/10	
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✓ pip

21924	-24	8/14	
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Fa	LMNT	8/29	21925	bx 10/8
	-25	8/13	21926	Pip ✓
	-26	8/14	21927	
	-27	8/11	21928	Pip ✓
	-28	8/11	21929	
	-29	8/9	21930	Pip ✓
	-30	8/17	21931	
	-31	8/13	21932	r/p ✓

21933	B8335A2-32	8/14	PR8/17-39
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✓ PIP

21934	-33	8/9
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21935	-34	8/19
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21936	-35	8/10
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21937	-36	8/10
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✓ PIP

21938	-37	8/12
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✓ PIP

21939	-38	8/25
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21940	-39	8/14
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PR 8117-39

-40

8/16

21941

P/P ✓

-41

8/14

21942

-42

8/13

21943

P/P ✓

-43

8/10

21944

P/P ✓

-44

8/14

21945

-45

8/15

21946

P/P ✓

-46

8/12

21947

P/P ✓

-47

8/14

21948

P/P ✓

21949	B8335A2-48	8/10	PR8117-39	
21950	RV8303116	8/15	116	
	bk 10/8			
21951	-49	8/22		
21952	-50	8/12		
21953	-51	8/28		
21954	-52	8/22		
21955	-53	8/12		
✓ pip				
21956	-54	8/22		

PR 8117-39	-55	8/15	21957
	-56	8/12	21958
	-57	8/18	21959
	-58	8/12	21960 P/p ✓
	-59	8/21	21961
	-60	8/22	21962
	-61	8/22	21963 P/p ✓
	-62	8/17	21964

B8335A2-63

21965

8/11

PR8117-39

✓
p/p

-64

21966

8/17

-65

21967

8/20

-66

21968

8/14

-67

21969

8/21

-68

21970

8/20

-69

21971

8/14

-70

21972

8/19

PR 8117-39	-71	8/12	21973
	-72	8/12	21974
AR Fd BOND		8/17	21975 bk 10/8
	-73	8/15	21976
	-74	8/14	21977 ✓ BP
	-75	8/22	21978
	-76	8/12	21979
	-77	8/14	21980

B8335A2-78

21981

8/16

PR8/17-39

-79

21982

8/13

-80

21983

8/21

-81

21984

8/12

✓
P/P

-82

21985

8/22

✓
P/P

-83

21986

8/14

✓
P/P

-84

21987

8/17

-85

21988

8/19

PR8117-39	-86	8/19	21989
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	-87	8/14	21990
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	-88	8/14	21991
--	-----	------	-------

	-89	8/21	21992
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	-90	8/12	21993
--	-----	------	-------

	-91	8/11	21994
--	-----	------	-------

	-92	8/11	21995
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	-93	8/14	21996
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21997	B8335A2-94	8/24	PR 8117-39
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21998	-95	8/17	
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21999	-96	8/16	
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✓ P/P

22000	B8335A2-BK	8/16	PR 8117-39 BK
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8303181/CB801

22001		8/12	
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22002		8/11	
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P/P 10/2

22003		8/12	
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22004		8/11	
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PR 8117-39

DK

8/10

22005

8/10

22006

8/11

22007

8/10

22008

8/14

22009

8/10

22010

8/13

22011

8/10

22012

22013

8/10

PR 8117-39
bk

22014

8/10

22015

8/10

22016

p/p 10/2

8/10

22017

8/10

22018

8/9

22019

8/10

22020

8/10

PR 8117-39

bk

8/10

22021

p/p 10/2

8/9

22022

8/10

22023

8/10

22024

LBLE-X2-2

3800

8/17

22025

bk 10/8

B8336A1-1

PR 8141-73

8/25

22026

LBLE-X2-2/CB 801

-2

8/25

22027

-3

8/21

22028

p/p ✓

22029	B8336A1-4	8/17	PR 8141-73	
	-5			
22030 ✓ P/p		8/13		
	-6			
22031		8/28		
	-7			
22032		8/18		
	-8			
22033 ✓ P/p		8/19		
	-9			
22034		8/21		
	-10			
22035 ✓ P/p		8/16		
	-11			
22036		8/17		

PR 8141-73

-12

8/13

22037

✓
ep

-13

8/13

22038

-14

8/12

22039

-15

8/16

22040

-16

8/12

22041

-17

8/20

22042

-18

8/12

22043

✓
ep

-19

8/20

22044

22045	B8336A1-20	8/18	PR 8/41-73
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✓
pip

22046	-21	8/12	
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✓
pip

22047	-22	8/12	
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22048	-23	8/12	
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✓
pip

22049	-24	8/17	
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22050	LBLE	8/12	Fd
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br 10/8

22051	-25	8/9	
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22052	-26	8/10	
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✓
pip

PR8141-73	-27	8/14	22053
	-28	8/11	22054
	-29	8/14	22055
	-30	8/17	22056
	-31	8/9	22057 ✓ P/P
	-32	8/13	22058 ✓ P/P
	-33	8/21	22059 ✓ P/P
	-34	8/12	22060 ✓ P/P

22061	B8336A1-35	8/19	PR8141-73
22062	-36	8/17	
22063	-37	8/14	
22064	-38	8/15	
22065	-39	8/17	
22066	-40	8/24	
22067	-41	8/17	
✓ PR			
22068	-42	8/17	

PR 8141-73	-43	8/12	22069
	-44	8/13	22070 P11 ✓
	-45	8/14	22071 P1p ✓
	-46	8/13	22072
	-47	8/22	22073
	-48	8/14	22074 P1p ✓
HR	RU 8303169	8/24	22075 bx 10/8
	-49	8/16	22076

22077	B8336A1-50	8/12	PR8141-73
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22078	-51	8/14	
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22079	-52	8/15	
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✓ 8/p

22080	-53	8/10	
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✓ 8/p

22081	-54	8/22	
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22082	-55	8/12	
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22083	-56	8/11	
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22084	-57	8/17	
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PR 8141-73	-58	8/16	22085
	-59	8/20	22086
	-60	8/12	22087
	-61	8/21	22088
	-62	8/12	22089
	-63	8/13	22090
	-64	8/8	22091
	-65	8/11	22092

B8336A1-66

22093

8/23

PR8141-73

22094

-67

8/25

22095

-68

8/10

✓ p/p

22096

-69

8/22

22097

-70

8/24

22098

-71

8/22

22099

-72

8/10

✓ p/p

22100

-73

8/9

✓ p/p

PR 8141-73	-74	8/21	22101 ✓ H/p
	-75	8/12	22102
	-76	8/14	22103
	-77	8/13	22104
	-78	8/24	22105
	-79	8/11	22106 ✓ H/p
	-80	8/12	22107 ✓ H/p
	-81	8/24	22108

22109	B8336A1-82	8/10	PR841-73	
22110	-83	8/10		
22111	-84	8/11		
22112	-85	8/10		
✓ P/P				
22113	-86	8/9		
22114	-87	8/13		
22115	-88	8/16		
22116	-89	8/9		
✓ P/P				

PR 8141-73	-90	8/12	22117
	-91	8/11	22118
	-92	8/12	22119 ✓ p
	-93	8/18	22120
	-94	8/11	22121
	-95	8/22	22122
	-96	8/24	22123
	-97	8/11	22124 p

22125	CB 801	8/27	CB
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Severe pan. blight
br 10/8

22126	B8336A1-98	8/16	
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22127	-99	8/13	
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✓
PIP

22128	-100	8/13	
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22129	-101	8/10	
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22130	-102	8/11	
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✓
PIP

22131	-103	8/21	
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22132	-104	8/11	
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✓
PIP

PR 8141-73

-105

8/10

22133

-106

8/13

22134

-107

8/12

22135

pip ✓

-108

8/11

22136

-109

8/8

22137

-110

8/22

22138

pip ✓

-111

8/14

22139

pip ✓

-112

8/15

22140

22141	88336A1-113	8/20	PR 8141-73
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✓
P/P

22142	-114	8/13	
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22143	-115	8/11	
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22144	-116	8/12	
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✓
P/P

22145	-117	8/12	
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✓
P/P

22146	-118	8/13	
-------	------	------	--

22147	-119	8/14	
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22148	-120	8/14	
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PR8141-73	-121	8/13	22149
HR	RU8303046	8/20	22150
			bx 10/8
	-122	8/10	22151
			rip ✓
	-123	8/13	22152
			rip ✓
	-124	8/11	22153
	-125	8/19	22154
	-126	8/12	22155
	-127	8/10	22156
			rip ✓

22157	B8336A1-128	8/12	PR 8141-73
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pip

22158	-129	8/20
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22159	-130	8/13
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22160	-131	8/21
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22161	-132	8/12
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pip

22162	-133	8/17
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22163	-134	8/16
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22164	-135	8/14
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PR 8141-73	-136	8/12	22165
	-137	8/10	22166
	-138	8/9	22167 ✓
	-139	8/21	22168
	-140	8/20	22169
	-141	8/14	22170
	-142	8/13	22171
	-143	8/9	22172 P/P ✓

22173	B8336A1-144	8/22	PR8141-73
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22174	-145	8/14	
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✓
P/P

22175	CICA-6	8/25	168
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bk 10/8

22176	B8336A1-BK LBLE-X2-2/CB801	8/12	PR8141-73 BK
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22177		8/9	
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22178		8/10	
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22179		8/8	
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22180		8/9	
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PR8141-13
bk

8/10

22181

8/11

22182

8/9

22183

8/9

22184

8/8

22185

8/9

22186

8/12

22187

8/10

22188

22189

8/12

PR8141-73
dk

22190

8/10

22191

8/13

22192

8/9

p/f 10/4

22193

8/9

22194

8/12

22195

8/12

22196

8/11

Seeded: 6/6/85

44

PR8141-73
bk

8/10

22197

8/11

22198

8/12

22199

8/9

22200

PR8175-96
B8341A1-1

8/20

22201

8302025/BT67A3-3-3-4-BK
(83/312)
-2

8/21

22202

-3

8/24

22203

-4

8/28

22204

22205	B8341A)-5	8/28	PR8175-96
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22206	-6	8/19	
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22207	-7	8/18	
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22208	-8	8/25	
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22209	-9	8/22	
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22210	-10	8/25	
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22211	-11	8/25	
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22212	-12	8/17	
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PR 8175-96

-13

8/16

22213

-14

8/21

22214

-15

8/24

22215

-16

8/17

22216

-17

8/16

22217

-18

8/24

22218

-19

8/22

22219

-20

8/15

22220

22221	B8341A-21	8/20	PR8175-96
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22222	-22	8/18	
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22223	-23	8/22	
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22224	-24	8/27	
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22225	LEAH	8/24	35
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bk 10/8

22226	-25	8/17	
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22227	-26	8/15	
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22228	-27	8/18	
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PR 8175-96

-28

8/14

22229

-29

8/19

22230

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8/24

22231

-31

8/18

22232

-32

8/17

22233

-33

8/14

22234

-34

8/17

22235

-35

8/13

22236

22237	B8341A1-36	8/15	PR 8175-96
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22238	-37	8/14	
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22239	-38	8/15	
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22240	-39	8/14	
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22241	-40	8/14	
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22242	-41	8/13	
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22243	-42	8/18	
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22244	-43	8/16	
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PR8175-96

-44

8/13

22245

-45

8/13

22246

-46

8/14

22247

-47

8/16

22248

-48

8/18

22249

RU8302025

83/25

8/20

22250

amideworf?; very wide flay;
colorless sp; Lgt

bk 10/8

-49

8/15

22251

-50

8/17

22252

22253	B8341A1-51	8/20	PR8175-96
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22254	-52	8/21	
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22255	-53	8/17	
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22256	-54	8/19	
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22257	-55	8/16	
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22258	-56	8/13	
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22259	-57	8/19	
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22260	-58	8/27	
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PR8175-96

-59

8/26

22261

-60

8/19

22262

-61

8/14

22263

-62

8/14

22264

-63

8/25

22265

-64

8/14

22266

-65

8/14

22267

-66

8/15

22268

22269	B8341A1-67	8/14	PR8175-96
22270	-68	8/21	
22271	-69	8/21	
22272	-70	8/15	
22273	-71	8/16	
22274	-72	8/18	
22275	-73	8/18	83/312
22276	-74	8/17	

PR 8175-96

-75

8/17

22277

-76

8/13

22278

-77

8/18

22279

-78

8/21

22280

-79

8/12

22281

-80

8/17

22282

-81

8/13

22283

-82

8/18

22284

22285	B8341A1-83	8/21	PR8175-96
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22286	-84	8/20	
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22287	-85	8/20	
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22288	-86	8/18	
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22289	-87	8/27	
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22290	-88	8/16	
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22291	-89	8/14	
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22292	-90	8/18	
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PR8175-96

-91

8/19

22293

-92

8/20

22294

-93

8/17

22295

-94

8/18

22296

-95

8/15

22297

-96

8/14

22298

-97

8/19

22299

-98

8/20

22300

22301	B8341A1-99	8/16	PR8175-96
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22302	-100	8/17	
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22303	-101	8/20	
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22304	-102	8/17	
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22305	-103	8/17	
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22306	-104	8/22	
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22307	-105	8/19	
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22308	-106	8/20	
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PR 8175-96

-107

8/21

22309

-108

8/21

22310

-109

8/19

22311

-110

8/14

22312

-111

8/17

22313

-112

8/19

22314

-113

8/14

22315

-114

8/14

22316

B8341A1-115

22317

8/18

PR8175-96

-116

22318

8/15

-117

22319

8/18

-118

22320

8/20

-119

22321

8/17

-120

22322

8/12

-121

22323

8/14

-122

22324

8/15

AR Fd NWBT

8/27

22325

bx 10/8

-123

8/17

22326

-124

8/19

22327

-125

8/15

22328

-126

8/18

22329

-127

8/21

22330

-128

8/13

22331

-129

8/14

22332

22333	38341A1-130	8/17	PR 8/15-96
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22334	-131	8/14	
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22335	-132	8/17	
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22336	-133	8/13	
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22337	-134	8/17	
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22338	-135	8/18	
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22339	-136	8/19	
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22340	-137	8/13	
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PR 8175-96

-138

8/21

22341

-139

8/8

22342

-140

8/12

22343

-141

8/13

22344

-142

8/15

22345

-143

8/17

22346

-144

8/17

22347

-145

8/18

22348

22349	B8341A1-146	8/17	PR8175-96
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22350	-147	8/14	
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22351	-148	8/21	
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22352	-149	8/14	
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22353	-150	8/19	
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22354	-151	8/18	
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22355	-152	8/17	
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22356	-153	8/13	
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PR 8175-96 -154 8/19 22357

-155 8/15 22358

-156 8/12 22359

IR-24 25467-76 22360

bk 10/8

B8341A1-BK

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PR 8175-96 bk 8/13 22361

8302025/BT6TA3-3-3-4-BK

8/12 22362

8/14 22363

8/14 22364

22365

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PR 8175-96
bk

22366

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22368

Pr 10/4

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22372

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PR 8175-96

bk

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22373

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22374

CI 9881

4986

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22375

bk 10/8

B8345A1-1

PR 8198-216

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22376

8303116/CB801

-2

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22377

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22378

Pr ✓

-4

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22379

-5

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22380

Pr ✓

B8345A1-6

22381

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PR 8198-216

22382

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22383

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22384

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22385

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22387

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22388

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PR 8198-216	-14	8/17	22389
	-15	8/14	22390
	-16	8/14	22391 ✓ P/P
	-17	8/15	22392 ✓ P/P
	-18	8/10	22393 ✓ P/P
	-19	8/14	22394
	-20	8/14	22395
	-21	8/12	22396 ✓ P/P

B8345A1-22

22397

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PR8198-216

✓
P/P

-23

22398

8/14

-24

22399

8/15

✓
P/P

-25

22400

8/14

-26

22401

8/16

✓
P/P

-27

22402

8/12

-28

22403

8/16

-29

22404

8/12

PR8198-216	-30	8/10	22405	✓ P/p
	-31	8/18	22406	
	-32	8/12	22407	✓ P/p
	-33	8/13	22408	
	-34	8/10	22409	
	-35	8/10	22410	✓ P/p
	-36	8/12	22411	
	-37	8/9	22412	

B8345A1-38

22413

8/14

PR 8198-216

-39

22414

8/10

✓
p/p

-40

22415

8/15

✓
p/p

-41

22416

8/13

✓
p/p

-42

22417

8/10

-43

22418

8/10

✓
p/p

-44

22419

8/17

-45

22420

8/11

	-46	8/10	22421
FR8198-216			
	-47	8/12	22422
			17p ✓
	-48	8/12	22423
	-49	8/10	22424
116	RU8303116	8/14	22425
			bx 1018
	-50		22426
	-51	8/14	22427
	-52	8/25	22428

B8345A1-53

22429

8/13

PR8198-216

22430

-54

8/14

22431

-55

8/12

✓
Pip

22432

-56

8/21

22433

-57

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22434

-58

8/17

22435

-59

8/14

✓
Pip

22436

-60

8/17

PR 8198-216

-61

8/13

22437

Pp ✓

-62

8/19

22438

-63

8/16

22439

-64

8/15

22440

Pp ✓

-65

8/9

22441

-66

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22442

-67

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22443

-68

8/12

22444

22445	B8345A1-69	8/13	PR8198-216
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22446	-70	8/13	
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✓
P/P

22447	-71	8/19	
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✓
P/P

22448	-72	8/12	
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✓
P/P

22449	-73	8/14	
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22450	RU8303046	8/17	HR
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bx 10/8

22451	-74	8/12	
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22452	-75	8/15	
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PR 8198-216	-76	8/12	22453
	-77	8/13	22454 tip ✓
	-78	8/16	22455 tip ✓
	-79	8/20	22456
	-80	8/15	22457
	-81	8/11	22458
	-82	8/10	22459 tip ✓
	-83	8/19	22460

22461	B8345A1-84	8/10	PR8198-216
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✓ P/p

22462	-85	8/12
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22463	-86	8/15
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22464	-87	8/13
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22465	-88	8/12
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22466	-89	8/14
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✓ P/p

22467	-90	8/14
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✓ P/p

22468	-91	8/13
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✓ P/p

-92

PR8198-216

8/12

22469

Pp^v

-93

8/10

22470

-94

8/9

22471

Pp^v

-95

8/12

22472

Pp^v

-96

8/13

22473

-97

8/14

22474

ELBL

5775

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22475

B8345A1-BK

PR8198-216

BK

8/10

22476

B8345A1-BK

22477

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PR8198-216
bk

22478

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22479

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22480

P/P

10/3

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22481

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22482

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22484

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B8345A1-BK

PR 8198-216

BK

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22485

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22492

B8345A1-BK

22493

8/8

PR8198-216

bx

22494

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22495

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22496

PIP 10/3

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22499

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22500

8/10

PR8218-30	B8347A1-1	8/21	22501
	BT67A3-3-3-4-OK/8302022		
	-2	8/20	22502
	-3	8/20	22503
	-4	8/22	22504
	-5		22505
	-6	8/21	22506
	-7	8/20	22507
	-8	8/17	22508

22509	B8347A1-9	8/20	PR8218-30
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22510	-10	8/15	
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22511	-11	8/24	
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22512	-12	8/19	
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22513	-13	8/19	
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22514	-14	8/21	
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22515	-15	8/18	
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22516	-16	8/14	
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PR8218-30

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22525	BT6TA3-3-3-4-Bk	8/20	83/812
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br 10/8

22526	B8347A1-25	8/19	PR8218-30
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22527	-26	8/24	
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22528	-27	8/21	
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22529	-28	8/24	
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22530	-29	8/18	
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22531	-30	8/18	
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22532	-31	8/17	
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PR 8218 -30	-32	8/21	22533
	-33	8/22	22534
	-34	8/13	22535
	-35	8/20	22536
	-36	8/19	22537
	-37	8/19	22538
	-38	8/16	22539
	-39	8/18	22540

B8347A1-40

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PR 8218-30

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22549

RU8302022

83/22

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22550

bk 10/8

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22551

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22552

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22557	B8347A1-55	8/19	PR8218-30
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22558	-56	8/22	
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22559	-57	8/20	
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22560	-58	8/16	
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22561	-59	8/19	
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22562	-60	8/21	
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22563	-61	8/23	
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22564	-62	8/18	
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PR8218-30	-63	8/19	22565
	-64	8/19	22566
	-65	8/19	22567
	-66	8/17	22568
	-67	8/17	22569
	-68	8/14	22570
	-69	8/19	22571
	-70	8/24	22572

22573	B8347A1-71		PR 8218-30
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22574	-72	8/17	
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22575	L-202	8/13	119
bk 10/8			

22576	-73	8/18	
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22577	-74	8/24	
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22578	-75	8/17	
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22579	-76	8/20	
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22580	-77	8/13	
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PR8218-30

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22589	B8347A1-86	8/21	PR8218-30
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22590	-87	8/19	
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22591	-88	8/13	
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22592	-89	8/28	
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22593	-90	8/15	
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22594	-91	8/18	
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22595	-92	8/16	
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22596	-93	8/22	
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PR8218-30

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22599

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22600

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22601

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22602

-100

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22603

-101

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22604

22605	B8347A1-102	8/22	PR8218-30
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22606	-103	8/27	
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22607	-104	8/23	
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22608	-105	8/17	
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22609	-106	8/17	
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22610	-107	8/25	
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22611	-108	8/18	
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22612	-109	8/22	
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PR 8218-30	-110	8/25	22613
	-111	8/22	22614
	-112	8/22	22615
	-113	8/24	22616
	-114	8/25	22617
	-115	8/22	22618
	-116	8/22	22619
	-117	8/19	22620

22621	B8347A1-118	8/25	PR8218-30
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22622	-119	8/24	
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22623	-120	8/28	
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22624	-121	8/17	
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22625	TBNT	8/17	AR Fd
bk 10/8			

22626	-122	8/21	
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22627	-123	8/21	
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22628	-124	8/19	
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PR8218-30

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B8347A1-133

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PR 8218-30

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22641

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22642

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22643

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PR8218-30	-141	8/22	22645
	-142	8/19	22646
	-143	8/14	22647
	-144	8/25	22648
	-145	8/19	22649
Fd LBNT		8/21	22650
			bk 10/8
	-146	8/19	22651
	-147	8/13	22652

22653	B8347A1-148	8/12	PR8218-30
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22654	-149	8/24	
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22655	-150	8/9	
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22656	-151	8/18	
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22657	-152	8/18	
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22658	-153	8/22	
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22659	-154	8/19	
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22660	-155	8/19	
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B8347M1 - Bk

PR8218-30

bk

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22661

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22663

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22664

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22667

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22668

22669

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PR8218-30

bk

22670

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22671

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22672

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22673

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22674

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22675

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22676

8/13

PR 8218-30

bk

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22677

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22678

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22679

LMNT

Fd

8/20

22680

bk 10/8

B8348A1-1

PR 8232-77

8/18

22681

LMNT / 8302022

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22682

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22683

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22684

22685	B8348A1-5	8/19	PR 8232-77
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22686	-6	8/18	
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22687	-7	8/22	
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22688	-8	8/15	
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22689	-9	8/19	
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22690	-10	8/19	
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22691	-11	8/21	
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22692	-12	8/18	
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PR 8232-77	-13	8/17	22693
	-14	8/24	22694
	-15	8/16	22695
	-16	8/19	22696
	-17	8/18	22697
	-18	8/18	22698
	-19	8/17	22699
	-20	8/16	22700

22701	B8348A1-21	8/25	PR 8232-77
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22702	-22	8/17	
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22703	-23	8/22	
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22704	-24	8/20	
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22705	-25	8/22	
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22706	-26	8/25	
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22707	-27	8/18	
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22708	-28	8/18	
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PR 8232-77

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22709

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22710

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22717	B8348A1-37	8/22	PR8232-77
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22718	-38	8/22	
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22719	-39	8/22	
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22720	-40	8/14	
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22721	-41	8/23	
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22722	-42	8/20	
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22723	-43	8/18	
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22724	-44	8/17	
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HR	RU8303169	8/22	22725
			bis 10/8
	-45	8/19	22726
	-46	8/17	22727
	-47	8/17	22728
	-48	8/20	22729
	-49	8/15	22730
	-50	8/19	22731
	-51	8/17	22732

22733	B8348A1-52	8/14	PR8232-17
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22734	-53	8/20	
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22735	-54	8/22	
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22736	-55	8/16	
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22737	-56	8/18	
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22738	-57	8/20	
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22739	-58	8/21	
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22740	-59	8/22	
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PR 8232-77

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22749	B8348A1-68	8/14	PR8232-77
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22750	RU8303181	8/21	HR
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bk 1018

22751	-69	8/19	
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22752	-70	8/18	
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22753	-71	8/16	
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22754	-72	8/15	
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22755	-73	8/14	
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22756	-74	8/14	
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PR 8232-77	-75	8/17	22757
	-76	8/18	22758
	-77	8/20	22759
	-78	8/17	22760
	-79	8/20	22761
	-80	8/16	22762
	-81	8/19	22763
	-82	8/18	22764

22765	B8348A1-83	8/19	PR8232-87
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22766	-84	8/20	
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22767	-85	8/17	
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22768	-86	8/16	
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22769	-87	8/14	
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22770	-88	8/16	
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22771	-89	8/16	
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22772	-90	8/19	
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PR 8232-77	-91	8/20	22773
	-92	8/12	22774
AR Fd BOND		8/12	22775
			bk 10/8
	-93	8/18	22776
	-94	8/14	22777
	-95	8/17	22778
	-96	8/19	22779
	-97	8/18	22780

B8348A1-98

22781

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PR8232-77

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22782

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22783

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22784

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PR 8232-77	-106	8/18	22789
	-107	8/18	22790
	-108	8/17	22791
	-109	8/19	22792
	-110	8/18	22793
	-111	8/19	22794
	-112	8/17	22795
	-113	8/22	22796

22797	B8348A1-114	8/14	PR 8232-77
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22798	-115	8/16	
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22799	-116	8/19	
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22800	-117	8/20	
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22801	-118	8/24	
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22802	-119	8/23	
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22803	-120	8/25	
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22804	-121	8/22	
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PR 8232-77

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22805

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22808

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22809

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22813	B8348A1-130	8/19	PR8232-77
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22814	-131	8/17	
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22815	RU8302022	8/19	83/22
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bk 10/8

22816	B8348A1-BK	8/15	PR8232-77 BK
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22817		8/18	
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22818		8/18	
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22819		8/14	
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22820		8/15	
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PR 8232-T7

bis

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22821

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PR8232-77

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22836

SKBT

8/20

Fd

B8348A2-1		
PR8279-309	8/20	22837
LMWT / 8302022		
-2	8/21	22838
-3	8/28	22839
-4	8/14	22840
-5	8/20	22841
-6	8/20	22842
-7	8/13	22843
-8	8/16	22844

22845	B8348A2-9	8/17	PR8279-309
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22846	-10	8/18	
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22847	-11	8/13	
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22848	-12	8/20	
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22849	-13	8/16	
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22850	-14	8/20	
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22851	-15	8/13	
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22852	-16	8/18	
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PR8279-309	-17	8/18	22853
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	-18	8/18	22854
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	-19	8/14	22855
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	-20	8/17	22856
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	-21	8/18	22857
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	-22	8/20	22858
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	-23	8/15	22859
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	-24	8/17	22860
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B8348A2-25

22861

8/16

PR8279-309

22862

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22863

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22864

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PR 8279-309	-33	8/13	22869
	-34	8/13	22870
	-35	8/15	22871
	-36	8/15	22872
	-37	8/17	22873
	-38	8/21	22874
Fd	BLMT	8/20	22875
			bx 10/8
	-39	8/14	22876

B8348A2-40

22877

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PR8279-309

-41

22878

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22880

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22881

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22882

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22883

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22884

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PR 8279-309	-48	8/17	22885
	-49	8/17	22886
	-50	8/16	22887
	-51	8/15	22888
	-52	8/16	22889
	-53	8/18	22890
	-54	8/20	22891
	-55	8/16	22892

22893	B8348A2-56	8/18	PR8279-309
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22894	-57	8/22	
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22895	-58	8/17	
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22896	-59	8/21	
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22897	-60	8/21	
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22898	-61	8/17	
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22899	-62	8/24	
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22900	-63	8/22	
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Seeded: 6/6/85

88

PR 8279-309

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22901

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22902

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22903

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22904

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22905

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22906

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22909 B8348A2-72 8/24 PR8279-309

22910 -73 8/22

22911 -74 8/25

22912 -75 8/21

22913 -76 8/25

22914 -77 8/20

22915 -78 8/18

22916 -79 8/18

PR 8279-309

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22925	LEAH	8/25		35
	bx 10/8			
22926	B8348A2-88	8/22	PR 8279-309	
22927	-89	8/22		
22928	-90	8/25		
22929	-91	8/22		
22930	-92	8/25		
22931	-93	8/23		
22932	-94	8/22		

PR8279-309	-95	8/18	22933
	-96	8/17	22934
	-97	8/16	22935
	-98	8/20	22936
	-99	8/19	22937
	-100	8/20	22938
PR8279-309 bk	B8348A2-BK	8/17	22939
		8/17	22940

22941

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PR8279-309

b15

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PR8279-309

bk

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22957		8/24	PR8271-309 bk
22958		8/16	
22959		8/19	
22960		8/17	
22961	RU8303046	8/22	HR
	bk 10/8		
22962	B8348A3-1	8/16	PR8311-35
	LMNT/8302022		
22963	-2	8/17	
22964	-3	8/15	

PR8311-35

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22973	B8348A3-12	8/20	PR8311-35
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22974	-13	8/19	
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22975	-14	8/17	
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22976	-15	8/18	
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22977	-16	8/17	
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22978	-17	8/18	
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22979	-18	8/19	
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22980	-19	8/18	
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HR

RV8003005

8/13

22981

b/c 10/8

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22984

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22989	B8348A3-27	8/19	PR8311-35
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22990	-28	8/19
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22991	-29	8/18
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22992	-30	8/22
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22993	-31	8/19
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22994	-32	8/24
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22995	-33	8/21
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22996	-34	8/18
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B8348A3-35

PR8311-35

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22997

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22998

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22999

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23000

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23001

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23002

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23003

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23004

B8348A3-43

23005

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PR8311-35

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23006

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23007

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23008

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23009

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23010

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23011

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23012

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PR 8311-35

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23013

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23014

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23015

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23016

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8/25

23017

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23019

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23021	B8348A3-59	8/19	PR8311-35
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23022	-60	8/19	
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23023	-61	8/20	
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23024	-62	8/19	
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23025	LMNT	8/26	Fd
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bk 10/8

23026	-63	8/19	
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23027	-64	8/23	
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23028	-65	8/18	
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PR8311-35

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B8348A3-74

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PR8311-35

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PR 8311-35

-82

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23045

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23046

-84

8/18

23047

-85

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23048

-86

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23049

LBLE-X2-2

3800

8/16

23050

bx 10/8

-87

8/18

23051

-88

8/24

23052

B8348A3-89

23053

8/19

PR8311-35

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23059

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23060

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PR8311-35

-97

8/14

23061

-98

8/17

23062

-99

8/17

23063

-100

8/23

23064

AR Fd

NWBT

8/27

23065

bk 10/8

PR8311-35

bk

B8348A3-Bk

8/17

23066

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23067

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23069

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PR8311-35
bk

23070

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23072

p/p 10/4

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23076

8/14

PR8311-35

bk

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23077

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23078

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23079

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23080

Fd

LBLE

8/12

23081

bk 10/8

PR8337-63

B8348A4-1

8/17

23082

LMNT/8302022

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23083

-3

8/16

23084

23085	B8348A4-4	8/17	PR8337-63
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23086	-5	8/22	
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23087	-6	8/15	
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23088	-7	8/19	
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23089	-8	8/19	
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23090	-9	8/13	
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23091	-10	8/14	
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23092	-11	8/22	
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PR 8337-63

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23098

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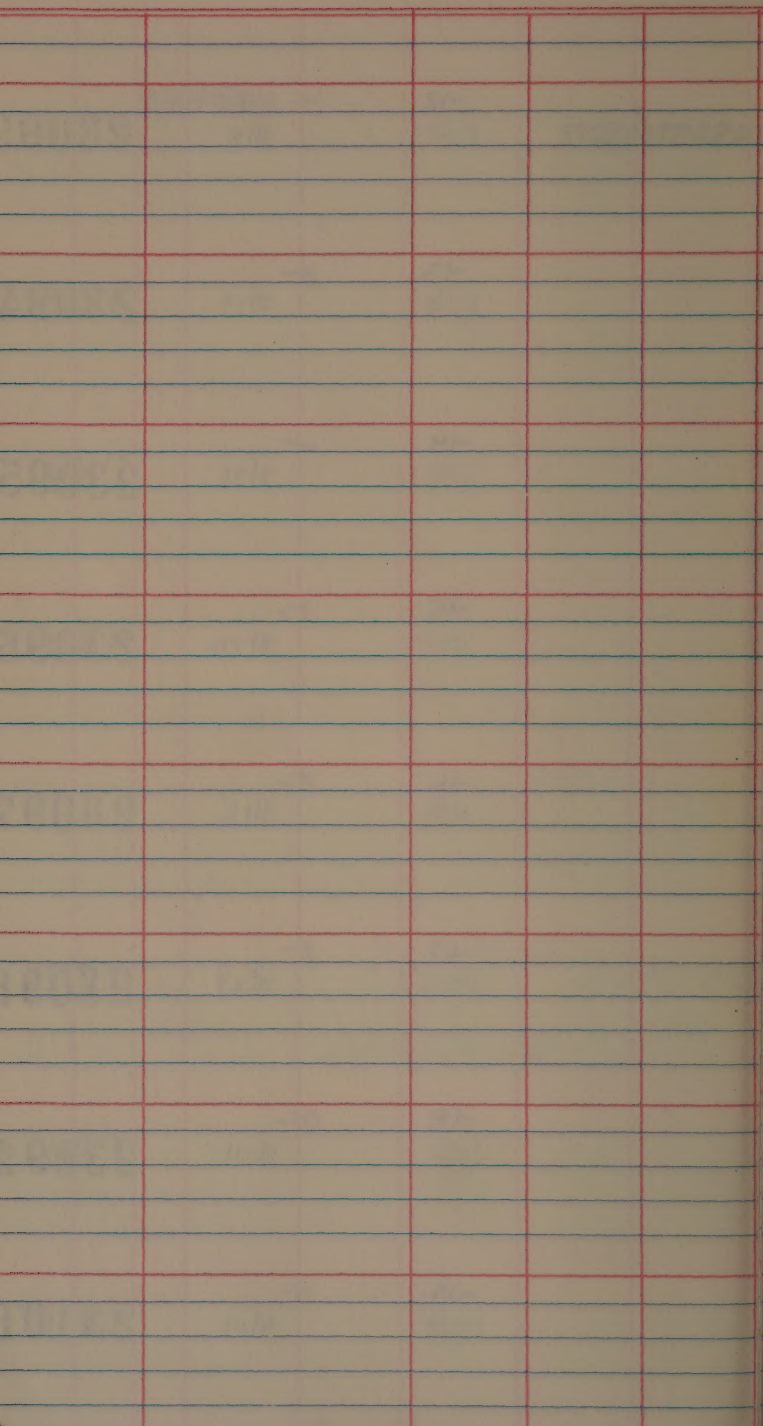
8/24

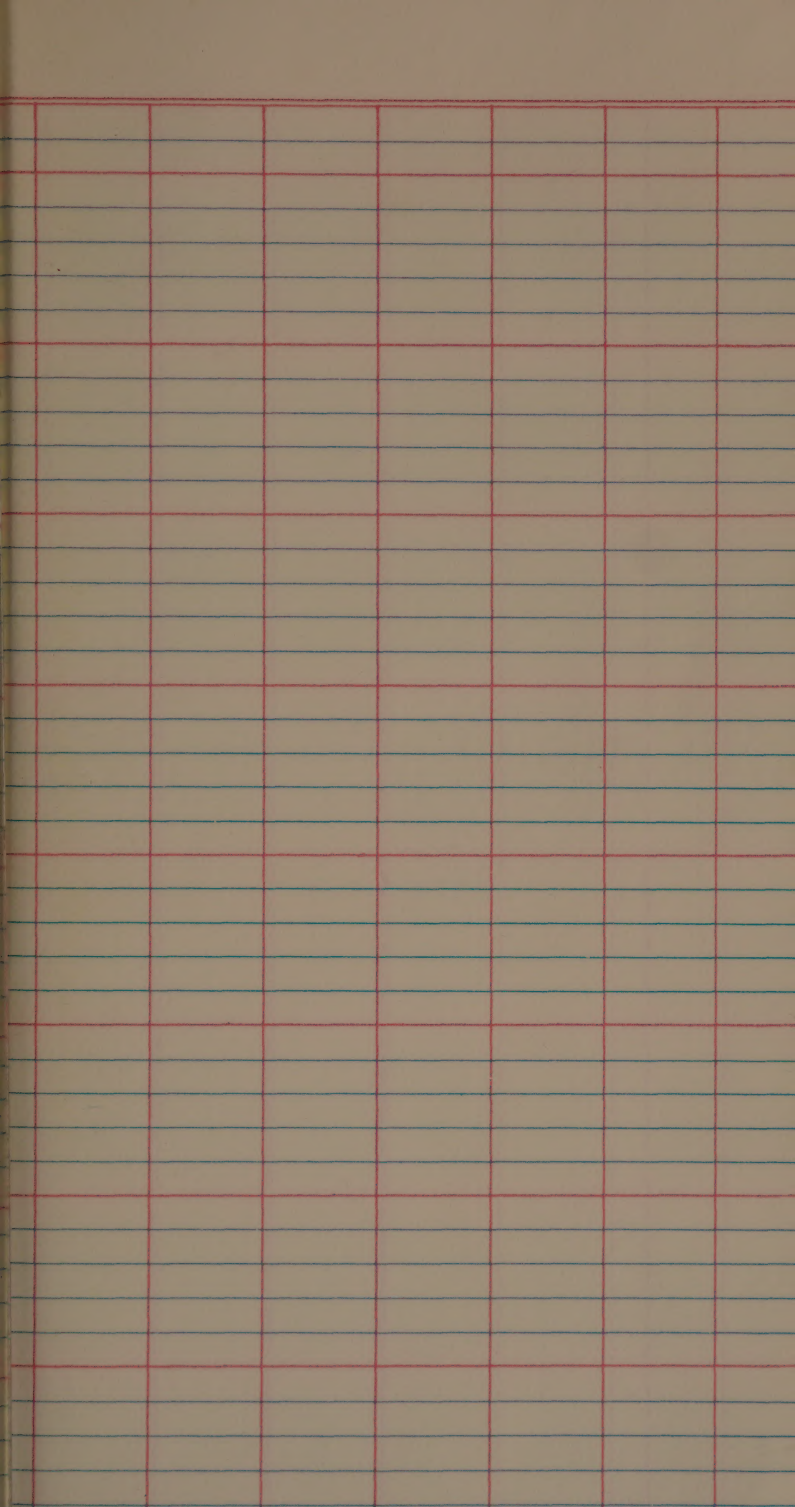
23099

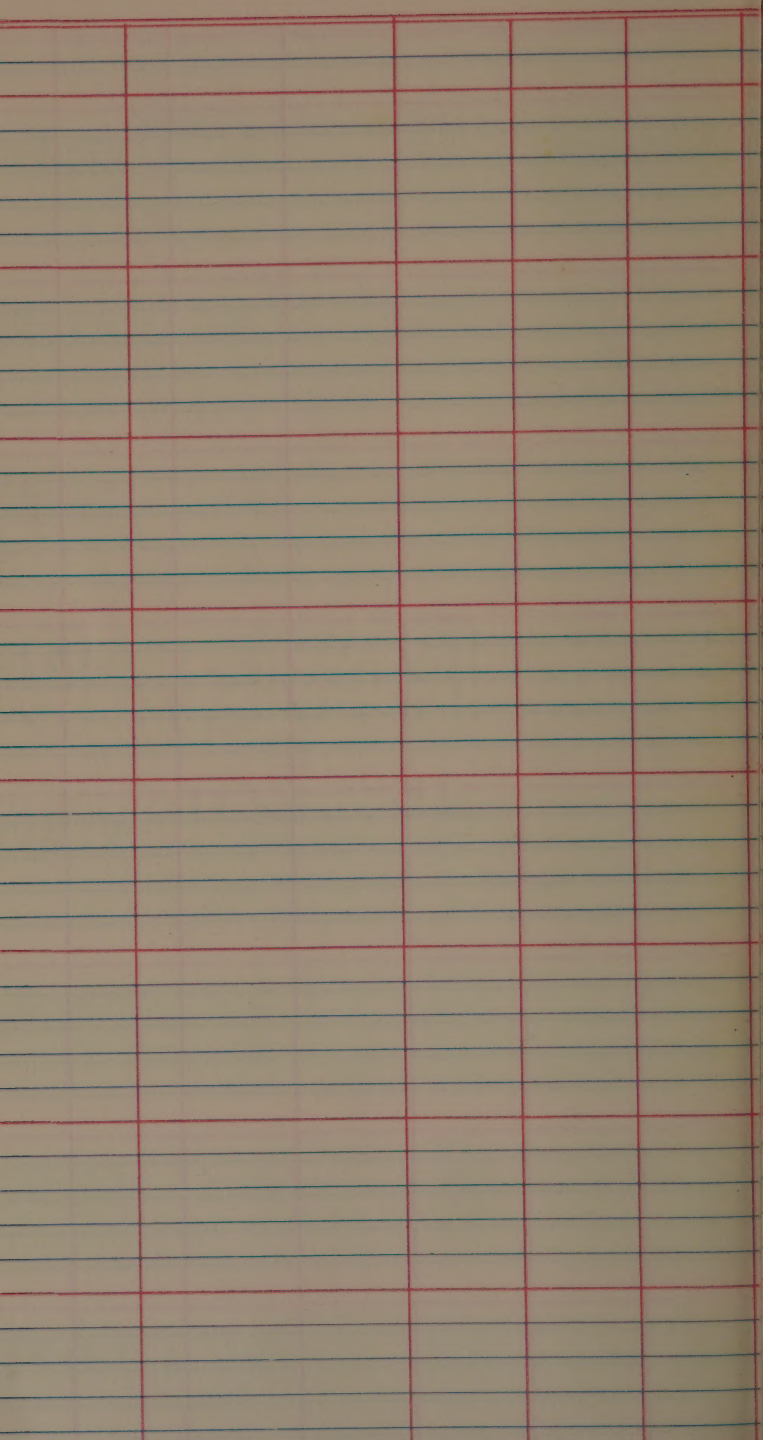
-19

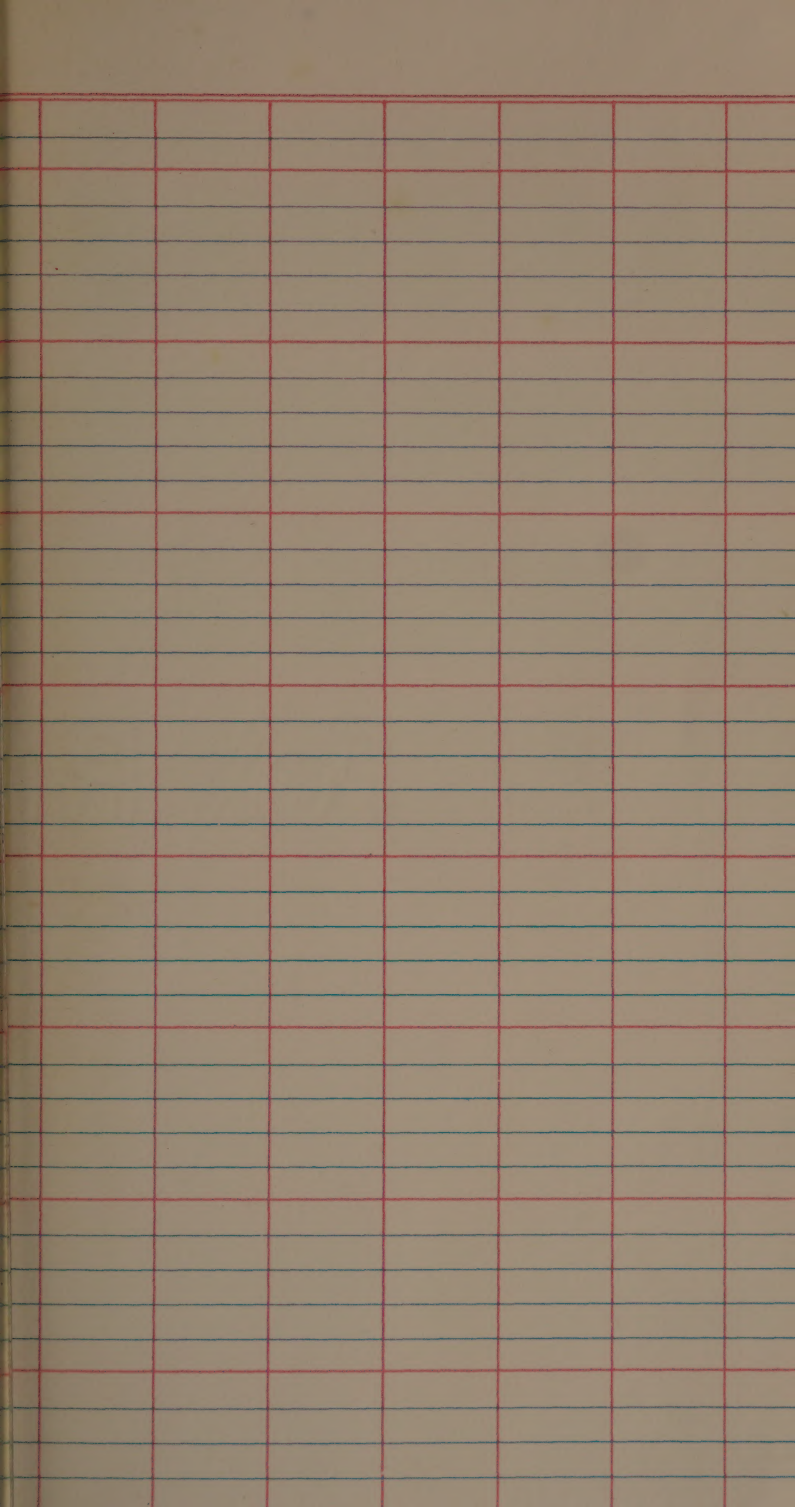
8/19

23100









(83/331)

(IG-1 resistant)

B8332A = NWRX//9881/331581/3/CA82Y24

B8333A = 8003050/CA82Y24

B8335A1 = 8303181/CB801

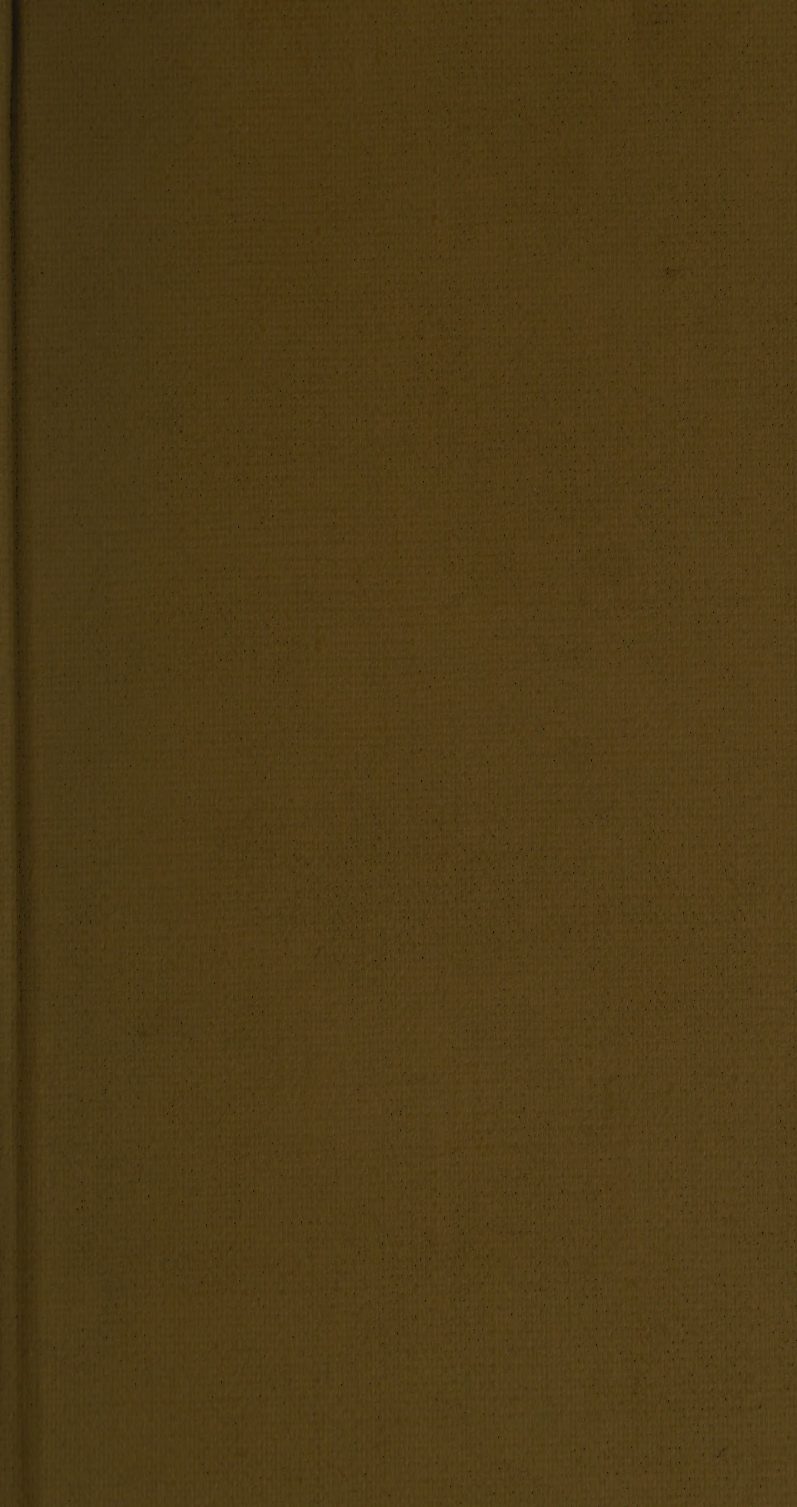
B8336A1 = LBLE-X2-2/CB801

B8341A = 8302025/B76TA3-3-3-4-BK
(83/312)

B8345A1 = 8303116/CB801

B8347A = B76TA3-3-3-4-BK/8302022

B8348A = LMNT/8302022



UNITED STATES DEPARTMENT OF AGRICULTURE
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK

AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

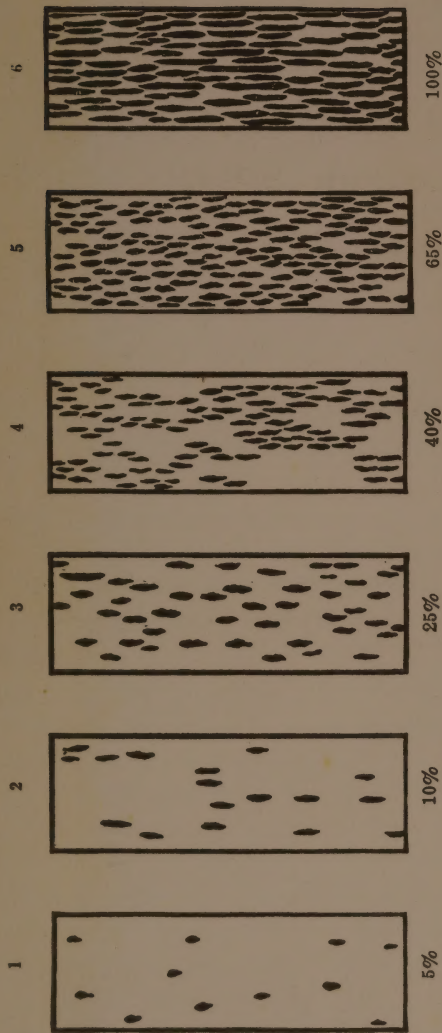
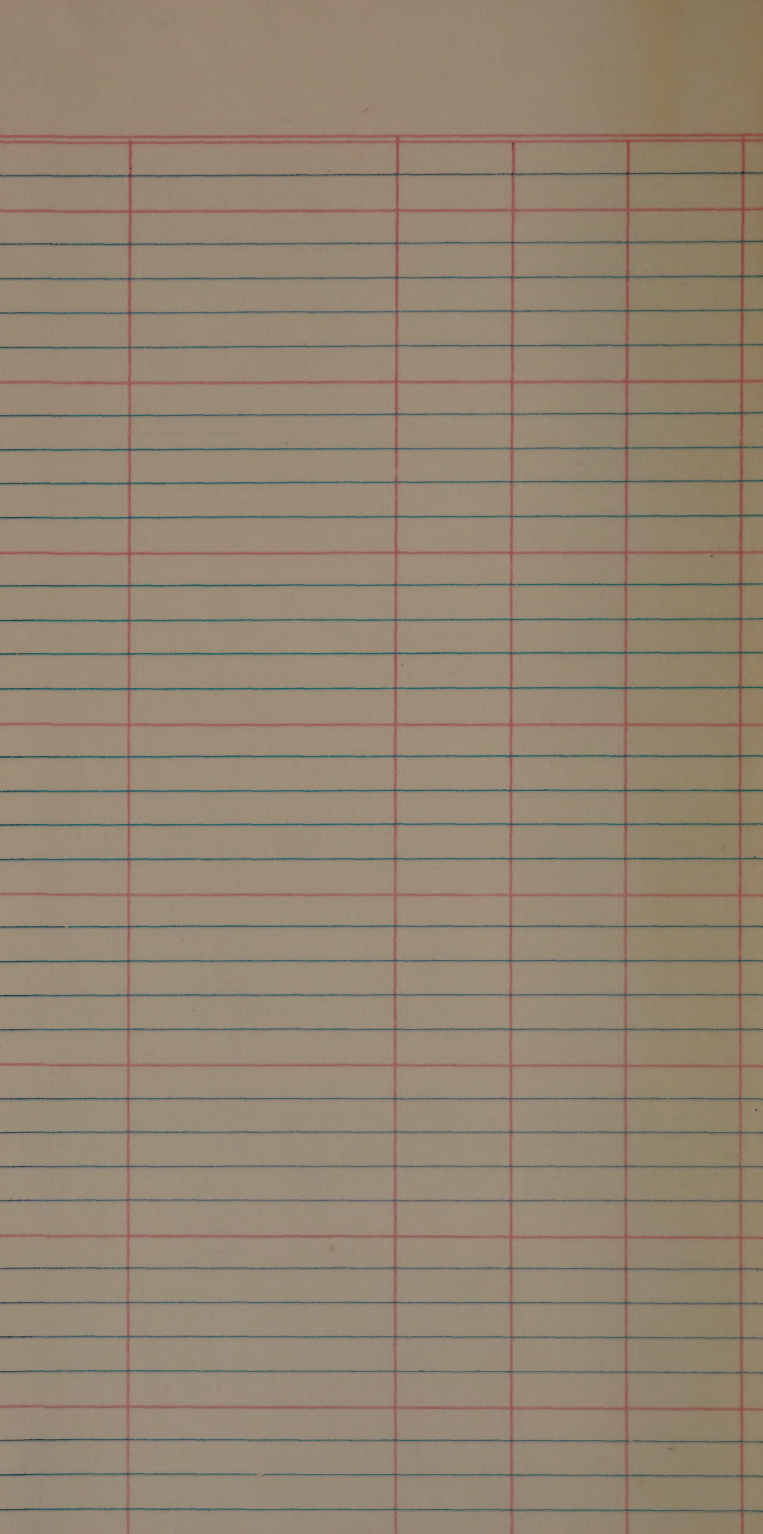
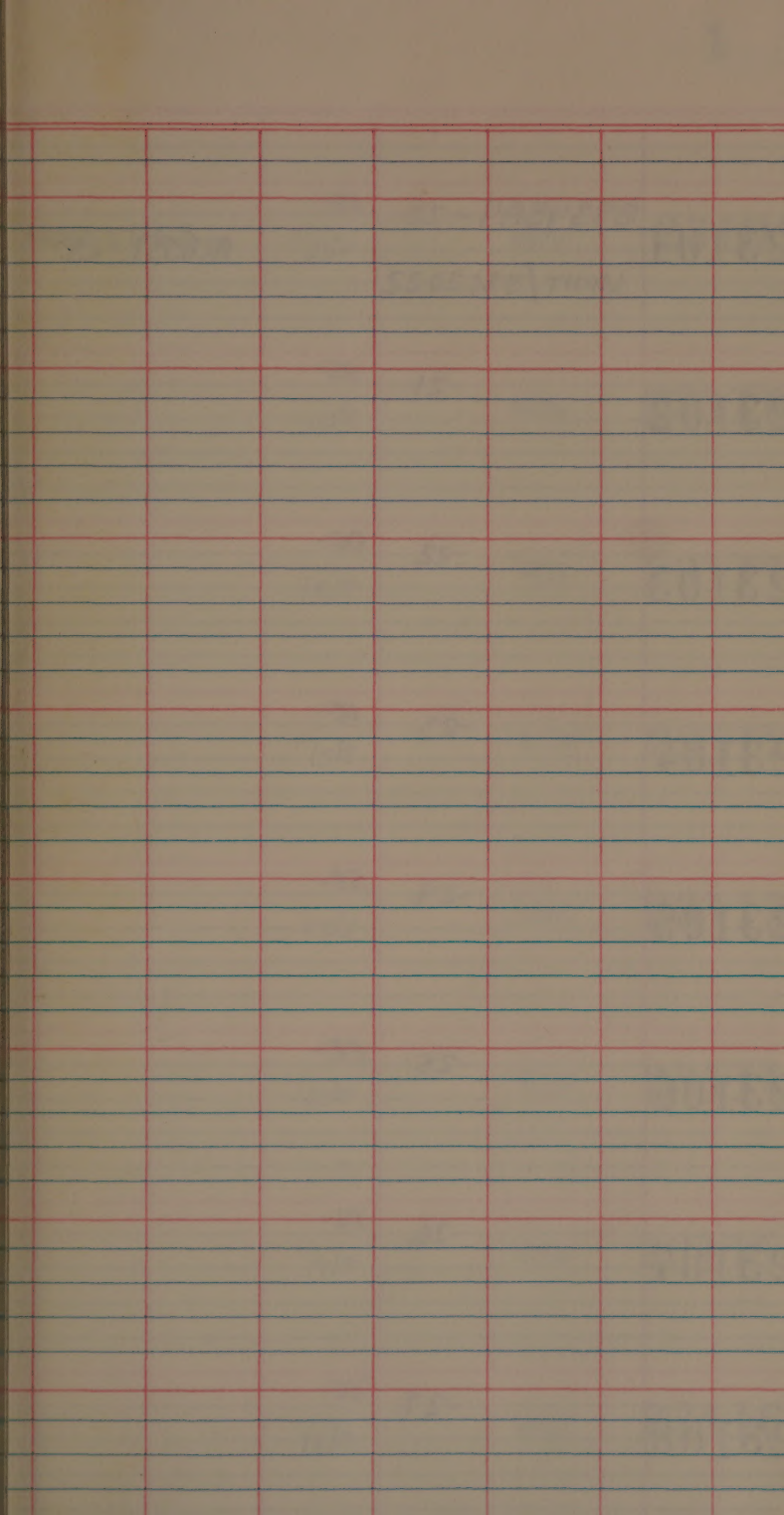


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





23101	B8348A4-20	8/16	PR8337-63
	LMNT/8302022		

23102	-21	8/26	
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23103	-22	8/24	
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23104	-23	8/21	
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23105	-24	8/27	
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23106	-25	8/21	
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23107	-26	8/19	
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23108	-27	8/21	
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PR8337-63	-28	8/19	23109
	-29	8/26	23110
	-30	8/17	23111
	-31	8/21	23112
	-32	8/25	23113
	-33	8/20	23114
	-34	8/22	23115
	-35	8/21	23116

23117	B8348A4-36	8/22	PR8337-63
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23118	-37	8/20	
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23119	-38	8/24	
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23120	-39	8/17	
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23121	-40	8/22	
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23122	-41	8/18	
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23123	-42	8/19	
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23124	-43	8/18	
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RU8302022

83/22

8/22

23125

br 10/8

-44

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23126

-45

8/22

23127

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8/18

23128

-47

8/18

23129

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23130

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23131

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23132

23133	B8348A4-51	8/21	PR8331-63
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23134	-52	8/22	
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23135	-53	8/20	
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23136	-54	8/21	
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23137	-55	8/16	
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23138	-56	8/21	
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23139	-57	8/25	
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23140	-58	8/19	
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PR8337-63	-59	8/21	23141
	-60	8/18	23142
	-61	8/19	23143
	-62	8/18	23144
	-63	8/20	23145
	-64	8/21	23146
	-65	8/20	23147
	-66	8/22	23148

23149	B8348A4 -67	8/16	PR8337-63
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23150	CB801	8/26	CB
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bK 10/8

23151	-68	8/19	
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23152	-69	8/19	
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23153	-70	8/18	
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23154	-71	8/19	
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23155	-72	8/20	
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23156	-73	8/15	
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PR8331-63	-74	8/21	23157
	-75	8/18	23158
	-76	8/18	23159
	-77	8/18	23160
	-78	8/21	23161
	-79	8/25	23162
	-80	8/20	23163
	-81	8/19	23164

23165

PR 8337-63

23166

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818

23168

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23171

$$8 \overline{) 29}$$

23172

8/17

		-90		
PR8337-63			8/16	23173
		-91		
			8/21	23174
	NWRX			
Fd			8/25	23175
				bx 10/8
		-92		
			8/17	23176
		-93		
			8/17	23177
		-94		
			8/24	23178
		-95		
			8/18	23179
		-96		
			8/18	23180

23181	B8348A4-97	8/17	PR8337-63
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23182	-98	8/18	
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23183	-99	8/19	
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23184	-100	8/18	
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23185	-101	8/24	
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23186	-102	8/21	
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23187	-103	8/17	
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23188	-104	8/16	
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PR8337-63	-105	8/15	23189
	-106	8/16	23190
	-107	8/25	23191
	-108	8/20	23192
	-109	8/14	23193
	-110	8/14	23194
B8348A4-BK			
PR8337-63 BK		8/17	23195
LMWT/8302022			
		8/18	23196

23197	8/14	PR 8337-63 bk
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23198	8/19	
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23199	8/17	
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23200	8/15	
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23201	B8154A1-BK-1 8/26	PR 10860-11069
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B786A3*F1/T603091

23202	-2 8/29	
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23203	-3 8/28	
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23204	-4 8/26	
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PR10860-11069	-5	8/27	23205
	-6	8/25	23206
	-7	8/28	23207
	-8	8/24	23208
	-9	8/24	23209
	-10	8/23	23210
	-11	8/19	23211
			Ap ✓
	-12	8/19	23212

23213	B8154A1-Bk-13	8/21	PR10860-11069
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✓ Pip

23214	-14	8/22	
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23215	-15	8/24	
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23216	-16	8/26	
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23217	-17	8/25	
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23218	-18	8/24	
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23219	-19	8/24	
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23220	-20	8/25	
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PR10860-11069	-21	8/25	23221
	-22	8/25	23222 p/p ✓
	-23	8/24	23223
	-24	8/19	23224
RU7603091		8/27	23225 bx 10/8
82/6726	-25	8/23	23226 p/p ✓
	-26	8/26	23227
	-27	8/19	23228

B8154A1-BK-28

23229

8/20

PR10860-11069

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23230

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✓ PIP

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23231

8/26

✓ PIP

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23232

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-32

23233

8/18

✓ PIP

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23234

8/22

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23235

8/23

-35

23236

8/20

✓ PIP

PR10860-11069

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✓
1/p

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23244

✓
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BS154A1-Bx-44

23245

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PR10560-11069

✓
P18

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23246

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23247

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23248

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23249

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RU7502076

23250

8/24

4965

bx 10/8

-49

23251

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23252

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PR10860-11069

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gold

8/25

23253

P/P^v

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23254

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23255

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23256

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23257

P/P^v

-56

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23258

-57

8/18

23259

-58

8/19

23260

P/P^v

B8154A1-Bx-59

23261

8/26

PR10860-11069

✓ PIP

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23262

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23263

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23264

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-63

23265

8/24

✓ PR

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23266

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23267

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23268

PR10860-11069

-67

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23269

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23270

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23272

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23273

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23274

Fd

LMNT

8/26

23275

bk 10/8

-73

8/22

23276

B8154A1-Bk-74

23277

8/21

PR10860-11069

✓
PP

-75

23278

8/18

-76

23279

8/21

-77

23280

8/19

✓
PP

-78

23281

8/21

✓
PP

-79

23282

8/20

✓
PP

-80

23283

8/20

-81

23284

8/26

PR10860-11069

-82

117P2183

23285

-83

8/24

23286

-84

8/25

23287

-85

8/27

23288

-86

8/20

23289

-87

8/25

23290

-88

8/22

23291

-89

8/25

23292

23293	138154 A1-Bk-90	8/19	PR10860-11069
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23294	-91	8/22	
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23295	-92	8/19	
✓ PR			

23296	-93	8/22	
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23297	-94	8/21	
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23298	-95	8/22	
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23299	-96	8/20	
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23300	-97	8/23	
✓ PR			

PR10860-11069	-98	8/26	23301
	-99	8/27	23302
	-100	8/25	23303
	-101	8/25	23304
	-102	8/25	23305
	-103	8/22	23306 8/26 ✓
	-104	8/22	23307
	-105	8/26	23308

23309	BS154A1-BK-106	8/21	PRI0860-11069
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23310	-107	8/25	
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23311	-108	8/23	
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23312	-109	8/25	
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23313	-110	8/23	
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23314	-111	8/25	
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23315	-112	8/24	
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23316	-113	8/25	
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PR10860 -11069	-114	8/21	23317
	-115	8/24	23318
	-116	8/25	23319 rip ✓
	-117	8/20	23320
	-118	8/23	23321 rip ✓
	-119	8/28	23322
	-120	8/26	23323
	-121	8/25	23324 rip ✓

23325	SKBT	8/20	Fd
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bx 10/8

23326	B8154A1-Bk-122	8/24	PR10860-11069
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23327	-123	8/24	
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23328	-124	8/23	
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✓
p/p

23329	-125	8/25	
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23330	-126	8/29	
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23331	-127	8/23	
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✓
p/p

23332	-128	8/25	
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PR10860-11069	-129	8/25	23333
	-130	8/26	23334 ✓ p/p
	-131	8/26	23335
	-132	8/21	23336 ✓ p/p
	-133	8/20	23337 ✓ p/p
	-134	8/19	23338 ✓ p/p
	-135	8/24	23339
	-136	8/22	23340

23341	B815411 - PK-137	8/25	PR10860-11069
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23342	-138	8/25	
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23343	-139	8/21	
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✓
PIP

23344	-140	8/22	
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23345	-141	8/24	
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23346	-142	8/20	
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23347	-143	8/21	
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23348	-144	8/22	
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PR10860-11069	-145	8/18	23349
35	LEAH	8/25	23350
			bk 10/8
	-146	2/21	23351
	-147	8/24	23352
	-148	8/22	23353
	-149	8/28	23354
	-150	8/25	23355
	-151	8/23	23356

23357	B8154A1-Bk-152	8/24	PR10860-11069
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23358	-153	8/19	
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23359	-154	8/19	
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23360	-155	8/21	
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23361	-156	8/20	
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23362	-157	8/26	
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23363	-158	8/29	
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23364	-159	8/22	
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PR10860-11069	-160	8/26	23365
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	-161	8/25	23366
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	-162	8/27	23367
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	-163	8/20	23368
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P/P ✓

	-164	8/20	23369
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	-165	8/20	23370
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	-166	8/23	23371
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P/P ✓

	-167	8/21	23372
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P/P ✓

23373	B8154A1-BK-168	8/21	PR10860-11069
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23374	-169	8/22	
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23375	-170	8/14	
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23376	-171	8/22	
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23377	-172	8/21	
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23378	-173	8/24	
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23379	-174	8/21	
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23380	-175	8/19	
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PRWEGO -11069	-176	8/22	23381	✓ np
	-177	8/23	23382	
	-178	8/22	23383	✓ np
	-179	8/23	23384	
	-180	8/20	23385	
	-181	8/25	23386	
	-182	8/25	23387	
	-183	8/23	23388	

23389	B8154A1-BK-184	8/21	PR10860-11069
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23390	-185	8/23	
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✓
PIP

23391	-186	8/25	
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23392	-187	8/25	
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23393	-188	8/20	
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23394	-189	8/20	
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✓
PIP

23395	-190	8/19	
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23396	-191	8/24	
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PR10560-11069	-192	8/20	23397
	-193	8/20	23398 ✓ P/P
	-194	8/19	23399 ✓ P/P
	-195	8/20	23400
	-196	8/23	23401
	-197	8/24	23402
	-198	8/22	23403
	-199	8/21	23404

B8154A1-Bk-200

23405

8/25

PR10860-11069

-201

23406

8/22

-202

23407

8/28

-203

23408

8/21

✓ PIP

-204

23409

8/24

✓ PIP

-205

23410

8/26

-206

23411

8/20

-207

23412

8/25

PR10860-11069

-208

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23413

-209

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-210

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-211

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23416

-212

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23417

-213

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23418

-214

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-215

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23420

23421

BS154A1-Bk-216

8/23

PR10860-11069

23422

-217

8/27

23423

-218

8/22

✓ PIP

23424

-219

8/23

23425

RV8303169

8/22

HR

bk 1018

23426

-220

8/24

23427

-221

8/28

23428

-222

8/24

PRI0860-11069	-223	8/22	23429
	-224	8/28	23430
	-225	8/20	23431 P/P
	-226	8/21	23432
	-227	8/21	23433 P/P
	-228	8/25	23434
	-229	8/27	23435
	-230	8/19	23436 P/P

23437 B8154A1-Bx-231 8/24 PR10860-11069

23438 -232 8/25

23439 -233 8/25

23440 -234 8/22

23441 -235 8/20

✓
P/P

23442 -236 8/26

23443 -237 8/24

✓
P/P

23444 -238 8/29

RV8860-11069	-239	8/22	23445
	-240	8/25	23446
	-241	8/25	23447
	-242	8/23	23448
	-243	8/23	23449
HR RV8303046		8/22	23450
	-244	8/25	23451
	-245	8/19	23452

✓
P/p

bx 10/8

23453

B8154A1 - Bx - 246

8/23

PR10860-11069

23454

-247

8/26

23455

-248

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23456

-249

8/19

23457

-250

8/19

23458

-251

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23459

-252

8/26

23460

-253

8/24

✓ 8/19

PR 10860-11069	-254	8/25	23461
	-255	8/24	23462
	-256	8/25	23463
	-257	8/21	23464
	-258	8/22	23465
	-259	8/23	23466
	-260	8/21	23467
	-261	8/20	23468

B8154A1-BK-262

23469

8/23

PR10860-11069

✓ PIP

-263

23470

8/28

-264

23471

8/24

✓ PIP

-265

23472

8/24

-266

23473

8/25

-267

23474

8/22

CB801

23475

8/26

CB

bk 10/8

-268

23476

8/23

PR10860-11069

-269

8/25

23477

-270

8/20

23478

-271

8/19

23479

-272

8/18

23480

p/p ✓

-273

8/23

23481

p/p ✓

-274

8/22

23482

-275

8/22

23483

-276

8/19

23484

p/p ✓

23485

B8154A1-Bk-277

8/23

PR10860-11069

23486

-278

8/24

23487

-279

8/23

23488

-280

8/24

✓ flip

23489

-281

8/23

23490

-282

8/25

23491

-283

8/21

23492

-284

8/21

B8154A1-Bx-285		
PR10860-11069	8/23	23493
-286	8/28	23494
-287	8/22	23495
-288	8/28	23496
-289	8/24	23497
-290	8/22	23498
-291	8/22	23499
-292	8/25	23500

23501

B8154A1-Bk₂

8/22

PR10860-11069

bk

B786A3*F₁ / 7603091

23502

8/24

23503

8/19

23504

8/21

23505

p/p 10/14

8/21

23506

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23507

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23508

8/17

PR10860-11069

DK

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23509

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23510

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23511

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23512

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8/22

PR10860-11069
bk

23518

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23519

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8/20

PR10860-11069

b1c

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23533

8/19 PR10860-11069
bk

23534

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PT 408449

4960

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23541

br 10/8

B8349A1

PR8365-95

8/23

23542

LMNT/8302025

8/19

23543

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23548

23549

8/22

PR 8365-95

23550

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23551

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23552

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23553

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23554

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23555

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PR 8365-95

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23560

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23565	8/21	PR8365-95
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23566	8/18	
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23567	8/24	
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23568	8/13	
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23569	8/13	
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23570	8/18	
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23571	8/19	
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23572	8/28	
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PR8365-95

8/16

23573

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23574

RV8302025

83/25

8/18

23575

bk 10/8

LMNT

Fd

8/25

23576

bk 10/8

PR8365-95

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23577

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23578

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23580

23581

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PR 8365-95

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PR 8365-95

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23589

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23590

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23591

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23596

Seeded: 6/7/85

23597		8/24	PR8365-95
23598		8/22	
23599		8/20	
23600		8/24	
23601		8/23	
23602		8/26	
23603			
23604		8/21	

PR 8365-95

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23613	8/18	PR 8365-95
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23614	8/21	
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23615	8/25	
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23616	8/25	
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23617	8/18	
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23618	8/20	
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23619	8/24	
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23620	8/26	
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PR 8365-95

8/22

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HR

RU 8303181

8/26

23625

bx 10/8

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23629	8/25	PR8365-95
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23630	8/19	
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23631	8/18	
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23632	8/21	
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23633	8/14	
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23634	8/24	
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23635	8/22	
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23636	8/23	
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PR8365-95

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23641

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23642

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23645	B8349A1-Bx	8/16	PR8365-95 bx
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23646		8/17	
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23647		8/19	
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23648	p/p 10/4	8/20	
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23649		8/20	
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23650		8/17	
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23651		8/19	
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23652		8/18	
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PR 8365-95

bk

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23653

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23660

P/P 10/4

23661	LBLE-X2-2	8/20	3800
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bk 10/8

23662	B8349A2-BK	8/19	PR8397-435 BK
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LMNT/8302025

23663		8/17	
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23664		8/20	
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23665		8/17	
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23666		8/16	
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23667		8/12	
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23668		8/16	
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PR 8397-435

bk

8/17

23669

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23670

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23671

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23675

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PR8397-435
bk

23678

8/20

23679

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23680

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23681

RV7903157

8/24

4972

bk 10/8

23682

B8349A3-Bk

8/13

PR8437-73
bk

23683

8/19

23684

8/15

PR8437-73

bk

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23685

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23686

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23687

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23688

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23689

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23691

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23692

p/p 10/17

23693	B8349A3-BK	8/18	PR843T-73 BK
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23694		8/19	
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23695		8/17	
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23696		8/19	
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23697		8/20	
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23698		8/16	
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23699		8/21	
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23700		8/22	
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B8349A4-BK

PR8475-509

bxc

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8/20

23701

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23702

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23703

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23708

23709 B8349A4-BK 8/17 PR8475-509
bk

23710 8/17

23711 7/14

23712 P/P 10/17 8/18

23713 8/19

23714 8/18

23715 8/18

23716 8/16

B8349A4-BK

PR8475-509

BK

8/17

23717

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23718

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23719

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23720

BSSD/SSS

4973

8/30

23721

C670A-15-3/LMNT

BK 10/8

B8351A1

PR8511-43

8/19

23722

C670A-15-4/LMNT

8/16

23723

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B8351A1

23725

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PR8511-43

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B8351A1

PR8511-43

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B8351A1

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PR85H-43

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23748

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PR 8511-43

8/20

23749

LMNT

Fd

minutes

8/25

23750

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23751

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23752

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23753

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23754

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23755

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23756

B8351A1

23757

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PR8511-43

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23759

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23760

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B8351A1-

PR8511-43

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23771

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23772

23773	B8351A1-	8/18	PR8511-43
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23774		8/13	
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23775	LOBLE	8/13	Fa
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23776		8/19	
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23777		8/18	
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23778		8/21	
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23779		8/18	
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23780		8/21	
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PR8511-43

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23781

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23783

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23789	13835111-	8/20	PR8511-43
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23790		8/17	
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23791		8/18	
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23792		8/19	
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23793		8/16	
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23794		8/16	
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23795		8/17	
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23796		8/21	
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B8351A1-

PR 8511-43

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23801

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23802

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PR8511-43

23806

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23809

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PR8511-43

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23821	8/20	PR8511-43
23822	8/18	
23823	8/20	
23824	8/21	
23825	BOND 8/13	AR Fd
23826	8/20	
23827	8/18	
23828	8/21	

PR 8511-43

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PR8511-43

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PR 8511-43

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23846

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23848

8/13

23849

RV 8403113

16546

8/14

23850

bk 10/8

8/15

23851

8/14

23852

23853	B8351A1	8/21	PR8311-43
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23854		8/15	
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23855		8/19	
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23856		8/18	
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23857		8/19	
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23858		8/25	
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23859		8/15	
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23860		8/25	
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PR8511-43

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23869	8/21	PR8511-43
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23870	8/25	
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23871	8/17	
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23872	8/20	
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23873	8/18	
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23874	8/20	
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23875	RU8403144	8/22	144
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bk 10/8

23876	8/18	
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PR8911-43

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23877

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23885	8/19	PR8511-43
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23886	8/13	
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23887	8/20	
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23888	8/18	
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23889	8/17	
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23890	8/14	
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23891	8/26	
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23892	8/21	
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PR8511-43

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PR 8511-43

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PR 8511-43

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PR8511-43

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8/21

119

L-202

8/15

23925

bk 10/8

PR8511-43

bk

B8351A1-BK

8/15

23926

C670A-15-4/LMNT

8/14

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1/10/17

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8/17

PR 8511-43
bk

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8/14

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LBLE-X2-2

3800

8/20

23941

B8351A2-BK

PR8545-75

BK

8/16

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8/14

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PR 8545-75
bk

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23951

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p/p 10/7

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PR8545-75
bk

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23960

AR Fd

NWBT

8/27

23961

B8351A3-Bk

PR8577-612

bk

C670A-15-4 / LMNT

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PR8577-612
bk

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PR 8577-612

bx

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Rows 23982 - 24059 were seeded as pomile
rows but pomiles were selected across all
rows as in a bull's population. Therefore,
the designation will be B8360A1-Bk 42
with rows 24060-24074.

23981	NWRX	8/23	Fd
23982	B8360A1-1	8/14	1984 Fall Nov. PR 8614-26
	DLA // NWRX / BLMT		
23983	-2	8/14	
23984	-3	8/16	
23985	-4 10/9 P/R	8/13	
23986	-5	8/14	
23987	-6	8/16	
23988	-7	8/13	

PR8614-26

-8

8/14

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-9

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-11

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23992

-12

8/15

23993

-13

8/13

23994

-14

8/16

23995

-15

8/15

23996

P19 10/9

23997 B8360A1-16 8/13 PR8614-26

23998 -17 8/13

23999 -18 8/16

24000 P/p 10/9 -19 8/15

24001 -20 8/14

24002 -21 8/15

24003 -22 8/17

24004 -23 8/14

PR 8614-26

-24

8/16

24005

-25

8/16

24006

-26

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24007

-27

8/14

24008

-28

8/14

24009

-29

8/13

24010

-30

8/13

24011

-31

8/12

24012

p/p 10/9

24013 B8360A1-32 8/12 PR 8614-26

24014 -33 8/13

24015 -34 8/13

24016 ^{10/9} -35 8/13

24017 -36 8/12

24018 -37 8/12

24019 -38 8/12

24020 -39 8/12

PR 8614-26

-40

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24021

-41

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24022

-42

8/15

24023

-43

8/13

24024

RV 8303169

HR

8/22

24025

bx 1018

~~-44~~

8/13

24026

PR 1019

-45

8/14

24027

-46

8/16

24028

scanted 6

dug
UHM

54

B8360A1-47

24029

8/14

PR8614-26

-48

24030

8/14

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24032

A/P 10/7

8/21

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PR 8614-26

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24041

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24042

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24043

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24044

P/P 10/9

24045	B8360A1	8/14	PR814-26
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24046		8/16	
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24047	9/9 10/9	8/13	
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24048		8/13	
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24049		8/12	
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24050	RV8303181	8/14	HR
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24051		8/14	
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24052		8/14	
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PR8614-26

8/14

24053

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24058

8/14

24059

B8360A1-BK

PR8614-26

BK

8/13

24060

DLTA/NWRX/BLMT

24061	B8360A1-BK	8/12	PR8614-26 bk
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24062		8/13	
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24063		8/12	
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24064	P/P 10/9	8/13	
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24065		8/14	
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24066		8/13	
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24067		8/13	
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24068		8/13	
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B8360A1-BK

PR 8614-26

bks

8/12

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24070

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24071

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24072

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24073

8/13

24074

35

LEAH

8/25

24075

B8271A1

PR 11101-74

8/27

24076

24077

8/18

PR 1101-74

24078

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24080

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24081

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24082

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24083

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8/23

PR 11101-74

8/16

24085

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24086

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24091

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24093	8/22	PR11101-74
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24094	8/29	
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24095	8/21	
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24096	8/28	
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24097	8/25	
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24098	8/26	
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24099	8/26	
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24100	8/25	
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PR11101-74

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24101

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24102

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24103

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PR11101-74

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24111

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PR11101-74

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24125	RU8003050	8/25	52
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24126		8/26	PR1101-74
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24127		8/20	
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24128		8/23	
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24129		8/25	
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24130		8/20	
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24131		8/23	
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24132		8/21	
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PR 11101-74

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24141

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PR11101-74

24142

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PR11101-74

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24149

SKBT

Fd

8/21

24150

8/18

24151

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24157	8/26	PR11101-74
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24158	8/28	
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24160	8/21	
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24161	8/22	
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24162	8/25	
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24163	8/19	
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24164	8/28	
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PR11101-74	8/25	24165
	8/25	24166
	8/25	24167
	8/25	24168
	8/23	24169
	8/26	24170
Fd LMNT	8/26	24171
PR11101-74 bis	8/22	24172

B8271A1-

1

24173

8/16

PR11101-74
bx

24174

8/18

24175

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24176

p/p

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PR11101-74
bk

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24181

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24188

P/P 10/7

24189

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PR11101-74

b1c

24190

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DLA

24191

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3175

B8271A1-BK

24192

8/25

PR11176-94

LEAH/8003050* F1 // 7902156

24193

8/26

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PRU176-94

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24201

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24202

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PR1176-94

24206

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24211

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24212

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PR11176-94

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24213

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24221	8/27	PR1176-94
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24222	8/20	
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24223	8/21	
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24224	8/19	
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24225	RU8303169	8/24	HR
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24226	8/14	
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24227	8/25	
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24228	8/14	
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PR11176-94

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PR11176-94

24238

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PR11176-94

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24245

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24247

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24248

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24249

TBNT

AR Fd

8/12

24250

8/21

24251

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24252

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PR 11/76-94

24254

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PR III 76-94

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24269		8/26	PR 11176-94
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24270		8/26	
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24271	NWRX	8/23	Fd
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24272	B8294A6	8/19	PR 8628-57
	NWRX / DILA		br

24273		8/19	
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24274		8/20	
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24275		8/19	
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24276		8/19	
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PR 8628-57

br

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8/18

PR8628-57

bk

24286

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24287

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24288

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24289

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24290

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24291

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24292

8/18

PR8628-57

bx

8/18

24293

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24294

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24295

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8/19

24299

ELBL

5775

8/3

24300

Seeded: 6/17/85

24301

B8294A7-

PR8659-83

DK

NWRX/DLLA

24302

24303

24304

24305

24306

24307

24308

PR 8659-83
bk

24309

24310

24311

24312

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24314

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24317

PR 8439-83

bk

24318

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24320

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24322

24323

24324

DLA

3175

24325

B8295A17-Bk

PR8685-107

dx

24326

24327

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24333

PR 8685-707
bk

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24340

PR 8685-707

bx

24341

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24349

PR8685-707
bk

24350

NWRX

Fd

bk 10/18

24351

DS129A1-BK5

PR11071-100
bk

24352

24353

24354

24355

24356

P/p 9/27

PR11071-100

dk

24357

24358

24359

p/p 9/27

24360

24361

24362

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24364

24365

PR 11071-100
DK

24366

24367

24368

P/P 9/27

24369

24370

24371

24372

PR11071-100

24373

24374

Mutica

Cagburn

24375

bx 9/17

24376

24377

24378

P/P 9/27

24379

24380

24381

PR11071-100
b/c

24382

24383

24384

r/p 9/27

24385

24386

24387

24388

PR11071-100

bis

24389

24390

24391

24392

24393

24394

24395

24396

p/p 9/27

24397

PR 11071-100

24398

P/P 9/27

24399

24400

LMNT

9/13

Fd

24401

B8268A1

PR10340-400
bk

24402

24403

P/P 9/30

24404

PR10340-400
bk

24405

24406

24407

P/P 9/30

24408

24409

24410

24411

24412

24413

PR10340-400
bk

24414

24415

24416

p/p 7/30

24417

24418

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24420

PR10340-400

bk

24421

pk 9/30

24422

24423

LMNT

Fd

9/11

24424

bk 10/18

RU8303181

HR

9/13

24425

bk 10/18

RU8303169

HR

9/7

24426

bk 10/18

B8268A1

PR10401-34

bk

24427

24428

B8268A1

PR10401-34

dx

Plp 9/30

24429

24430

24431

24432

24433

24434

24435

24436

PR10401-34

bk

24437

pk 9/30

24438

24439

24440

RU 7603091

83/2024

9/8

24441

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bk 10/7

9/8

24442

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OS-6

4980

9/9

24443

bk 10/7

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9/9

24444

"

24445

CI 9545

4241-60

24446

"

bx 10/15

"

24447

PI 325893

4261-80

24448

"

bx 10/15

"

24449

Blue Rose

9/9

83/18957-58

CI 12044

24450

"

bx 10/15

9/9

"

24451

Brittle STRN

4996

24452

"

bx 10/15

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T(N)1

4121-40

9/10

24453

"

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9/10

24454

bk 10/15

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9/10

24455

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9/10

24456

IR-30

25537

24457

"

"

24458

bk 10/7

"

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24459

"

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24460

24461	IR-30		25537
24462	AI-non-tsao 39		25547
24463	"		"
24464	" b15 9/17		"
24465	"		"
24466	"		"
24467	29L01		25550
24468	" bK 9/16		"

25550	29 Lu i		24469
"	"		24470
"	"		24471
25557	Patnai		24472
"	"		24473
"	"		24474
"	"		24475
"	"		24476

10/18

6K

JAYA

24477

25559

"

24478

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bk

24479

"

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24480

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24481

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PETA

24482

25561

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24483

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24484

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PETA

25561

24485

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24486

Dosei

25563

24487

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24488

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24489

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24490

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24491

Amposta

25565

24492

9/27

bk

24493	Amposta	25565
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24494	"	"
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24495	"	"
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24496	"	"
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24497	Italice Livorno	25567
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24498	"	"
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24499	"	"
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24500	"	"
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Akceltis

25569

24501

"

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24501

"

"

bk 9/17

24503

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24504

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24505

Sarıkilgis

25571

24506

"

"

24507

bk 9/10

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24508

24509

25570

24510

"

24511

Koshihikari

25579

24512

"

24513

bk 9/27

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24514

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24515

"

24516

Ribe

25581

25581

24517

"

24518

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24519

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24520

25583

Maratelli

24521

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24522

"

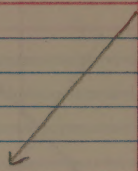
24523

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24524

24525

25583



Bersani

24526

25585

"

24527

"

24528

9/18

bx

"

24529

"

24530

Girona

24531

25589

24532

"

25589

24533

"

24534

bK

10/2

"

24535

Sequial

25593

24536

"

24537

"

24538

bK 9/27

"

24539

"

24540

24541 mutica 25595

24542 "

24543 bk 9/17 "

24544 "

24545 "

24546 Qing Fun Wang 25597

24547 "

24548 bk 9/27 "

25597

24549

"

24550

LBLE - X2-1

25601

24551

"

24552

"

24553

bk 10/7

"

24554

"

24555

CI 9881

25603

24556

24557 CI 9881 25603

24558 b/c 10/7 "

24559 "

24560 miped row! "

24561 CI 9545 25605

24562 b/c 10/10 "

24563 "

24564 "

25605

24565

CI 9878

25607

24566

"

24567

"

24568

"

24569

"

24570

25609

CI 9902

24571

"

24572

24573

25609

24574

"

24575

"

24576

PI 291449

25611

24577

"

24578

"

24579

"

24580

"

PI 291495

25613

24581

"

24582

"

24583

"

24584

"

24585

PI 215936

25617

24586

"

24587

"

24588

b/c 9/27

b/c 10/15

24589

25617

24590

"

24591

PI 315650

25619

24592

"

24593

bk 11/1

"

24594

"

24595

"

24596

PI 312056

25629

25629

24597

"

24598

"

24599

"

24600

PI 372097

25631

24601

"

24602

"

24603

"

24604

uniform
bk 10/7highly variable st. int.; green
bk 10/15

24605

25631

24606

PI 385431

25633

24607

"

24608

"

24609

"

24610

"

24611

PI 385814

25635

24612

"

24613

24614

24615

24616

24617

24618

24619

24620

*severely lodged**b/c 10/2*

PI 385817

25637

b/c 9/27

24621

BRAZ-X2-1

25639

24622

"

24623

"

24624

"

24625

"

24626

OS-6

25641

24627

"

24628

"

contain some taller plants
bk 10/7

bk 10/10

"

24629

"

24630

NP 130

25643

24631

"

24632

"

bk 10/2

24633

"

24634

"

24635

GROS

25647

24636

24637

25647

24638

"

24639

"

24640

"

24641

NROS

25649

24642

"

24643

"

24644

"

bK 10/2

bK 10/7

25649

24645

TIR8

25651

24646

"

24647

"

24648

"

24649

"

24650

25653

Blue Rose

24651

"

24652

24653

25653

24654

"

24655

"

24656

Basmati 370

25657

24657

"

24658

"

24659

"

24660

"

IR-38

25517

24661

"

24662

"

24663

"

24664

"

24665

CI 9879

83/2167

24666

"

24667

"

24668

24669

83/2167

24670

"

24671

↙
Ai-nou-tsoo 1

81/1503

24672

"

24673

↘
bk 2/18

"

24674

"

24675

"

24676

I-geo-tze
↗

82/2128

82/2128

24677

"

24678

bk

9/27

"

24679

"

24680

Vialone Nano

83/2119

24681

"

24682

9/27

bk

"

24683

"

24684

24685

83/2119

24686

Bahia

83/2121

24687

"

24688

"

24689

"

24690

"

24691

Bai Zhen long

83/7100

24692

"

83/7100

24693

"

b/c

9/27

24694

"

24695

Non Saguí 19

83/F, Black

24696

"

24697

"

24698

"

24699

"

24700

24701

Tongil

82/2071

24702

"

"

24703

"

"

24704

"

"

24705

"

"

24706

Acadia

2235

24707

"

"

24708

Arkrose

2247

by 10/7

by 10/10

10/10

2247 Arkrose 24709

2248 Prelude 24710

" " 24711

2252 Magnolia 24712

" " 24713

2256 Rexark 24714

" " 24715

2260 R-N 24716

24717 R-N 2260

24718 Lacrosse 2261

24719 " "

24720 Sunbonnet 2263

24721 " "

24722 TP-4 TP-49 -23 2264

BK 11/5

24724 -25 Imp. Blue rose 2265

bk 10/24 lgt; not Blue rose;
Imp. Bot ??

24726 -27 Mo. R-500 2268

bk 9/27

2274	NOVA		24728-29
	pubescent		bk 10/7
2275	Palmyra		24730-31
			bk 9/27
2276	NV 66	bk 10/7	24732-33
2289	Chokoto	bk 10/7	24734-35
	large lgt		
22941	Early Prolific	bk 10/10	24736-37
22942	Bluebonnet	bk 10/21	24738-39
22944	Century 52	bk 10/15	24740-41
23572	Carolina Gold	bk 10/10	24742-43
23574	Cody	bk 9/27	24744-45
23578	Conway	bk 10/2	24746-47
23584	Toro	bk 10/21	24748-49

B8348A = LMNT / 8302022

B8154A = B786A3 * F₁ / 7603091

B8349A = LMNT / 8302025

B8351A = C670A-15-4 / LMNT

B8360A = DLLA // NWRX / BLMT

B8271A = LEAH / 8003050 * F₁ // 7902156

B8294A = NWRX / DLLA

B8129A = LMNT / MTCA

B8268A = LEAH / LMNT * F₁ // NWRX

